Market Brew

CUSTOMER MANUAL

Version 12.1

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The Market Brew System

From website crawl to predictive SEO — a fully connected ecosystem.

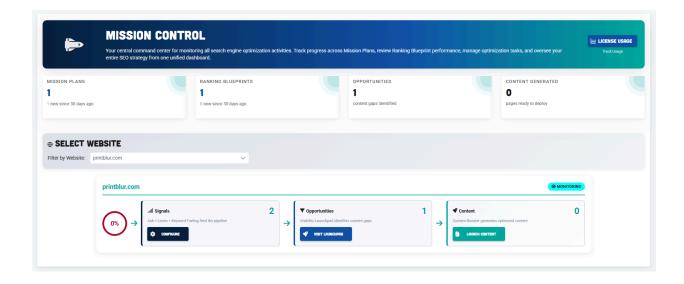
Overview

The **Market Brew System** is a unified framework that connects every stage of your SEO lifecycle — from discovery to creation to optimization.

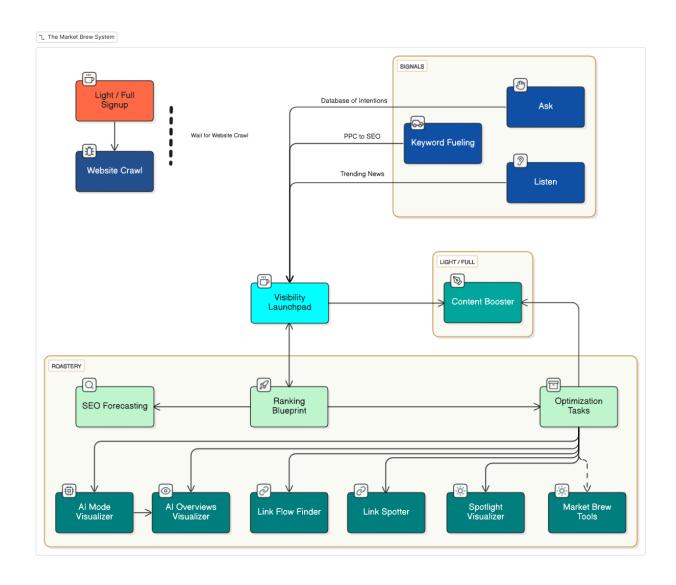
It begins the moment your site is crawled and continues through continuous signal analysis, opportunity detection, content generation, and predictive ranking simulation.

Market Brew is not just an SEO platform — it's a **living search engine model** that mirrors how algorithms evaluate your website.

Through this model, Market Brew can identify what's missing, predict what will rank, and even generate the content that fills the gaps.



System Flow



Website Crawl

Every customer journey begins with a website crawl.

Market Brew maps your site's pages, structure, and link graph to establish a **baseline** search model — essentially building a virtual copy of how Google views your website.

This crawl populates the foundation for:

- Internal linking data
- Content embeddings
- Template recognition
- Ranking Blueprints

Once this model is ready, Mission Control modules activate automatically.

"Wait for Website Crawl" means your simulation is preparing its first version of the site model.

Signal Generation (Ask / Listen / Keyword Fueling)

Once your site is crawled, Market Brew begins collecting **signals** — the core of your self-healing feedback loop.

Together, Ask, Listen, and Keyword Fueling form your **Signals** — the system's evolving understanding of what users (and search engines) care about most.

Module	Description	
Ask	Your internal AI search assistant that	
	surfaces questions, missing answers, and	
	underperforming topics from your own site.	
Listen	Continuously monitors external news and	
	trends, identifying rising search topics before	
	competitors do.	
Keyword	Bridges PPC and SEO by pulling in	
Fueling	commercial intent data, high-performing ad	
	phrases, and trending query patterns.	

Each of these signals feeds directly into **Visibility Launchpad**, where opportunities are scored and prioritized.

This is where the Market Brew model starts to "think." It observes, compares, and learns what matters next for your niche.

Visibility Launchpad

All signals converge inside **Visibility Launchpad** — the radar system for your organic strategy.

It ranks opportunities based on **search volume, competitive density, semantic similarity, and topical authority**, using embeddings from your website's crawl.

Launchpad Inputs:

- From Ask → Internal search demand
- From **Listen** → External trend detection
- From **Keyword Fueling** → PPC and commercial data
- From **Ranking Blueprint** (Roastery) → Template relevance feedback

Launchpad Outputs:

- Prioritized list of SEO opportunities
- Gap detection reports
- One-click paths to Content Booster

 \mathscr{A} Launchpad tells you what to build next — Content Booster builds it.

Content Creation (Content Booster)

Content Booster converts your Launchpad insights into **optimized, on-brand content**. It applies your Ranking Blueprint logic (if available) to ensure every page aligns with your top-performing templates.

Key Capabilities:

- Generate long-form or short-form content from any opportunity
- Use your site context, schema, and FAQ generation
- Control tone, intent, and linking density
- Reference Friends and exclude Foes for intelligent link placement
- Auto-generate new pages when gap thresholds are exceeded

Light Brew and Full Roast customers operate primarily here — using Al-powered content generation and guided opportunities to grow their sites organically.

Simulation and Optimization (The Roastery)

For Roastery customers, Market Brew opens its full modeling environment — giving complete visibility into the "why" behind rankings and the ability to test new strategies before publishing.

This layer is where algorithmic modeling meets human strategy.

Module	Function	
Ranking Blueprint	Reveals how every ranking factor (content, link flow, DOM structure, schema) impacts visibility.	
SEO Forecasting	Predicts ranking outcomes and traffic changes for future content or site updates.	
Optimization Tasks	Generates prioritized, data-backed actions to realign templates, internal links, and content patterns.	
Al Mode Visualizer	Displays how your content embeddings align with Google's Al Mode.	
Al Overviews Visualizer	Shows how your pages appear in Google's Al Overviews and how to improve inclusion.	
Link Flow Finder	Maps internal link equity and identifies bottlenecks in your site structure.	
Link Spotter	Detects broken, redirected, or low-authority internal connections.	
Spotlight Visualizer	Identifies your best-performing templates and patterns.	
Market Brew Tools	A suite of advanced utilities for technical SEO teams and data analysts.	

All of these tools draw data directly from **Ranking Blueprints**, ensuring every optimization is grounded in real modeled behavior — not guesswork.

How It All Works Together

Layer	Modules	Purpose
Foundation	Website Crawl	Build a search engine model of your site.
Signals	Ask, Listen, Keyword Fueling	Gather topics and intents from both your content and the web.
Analysis	Visibility Launchpad	Evaluate where you're strong or weak.
Execution	Content Booster	Generate optimized content and close the gaps.
Optimization (Roastery)	Ranking Blueprint, Forecasting, Optimization Tasks, Visualizers	Test, refine, and predict results across all ranking factors.

In essence:

The crawl powers the signals.

The signals feed the Launchpad.

The Launchpad fuels the Booster.

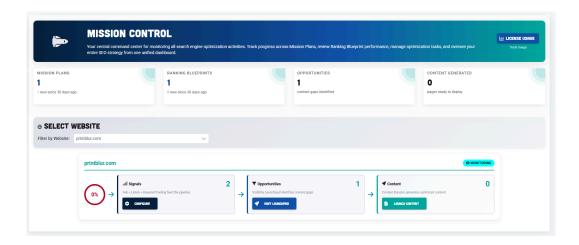
The Booster feeds new content back into the crawl.

The Roastery keeps the whole system calibrated.

Mission Control

Overview

Mission Control is the central command center for your **Self-Healing Website** — a unified dashboard that monitors signals, identifies opportunities, and triggers automated content creation through Market Brew's predictive search engine model.



Mission Control brings together five integrated tools:

- 1. **Ask** captures internal audience questions and Al-mode search prompts.
- 2. **Listen** monitors external news and competitive signals.
- 3. **Keyword Fueling** enables manual keyword research and targeting.
- 4. **Visibility Launchpad** converts signals into ranked content opportunities.
- 5. **Content Booster** generates optimized, validated content automatically.

Together, these modules create a closed-loop system that continuously detects, generates, and validates — keeping your website optimized in real time.

Understanding the Mission Control Funnel

Each site within Mission Control displays a **three-stage funnel** representing your self-healing workflow:

Stage	Description	
Signals (Ask + Listen + Keyword Fueling)	Collects internal and external data sources to understand search demand and topic gaps.	
Opportunities (Visibility Launchpad)	Analyzes those signals to find areas of low similarity or missing topical coverage.	
Content (Content Booster)	Generates and validates optimized pages to fill those opportunities.	

Each stage displays a live count of signals, opportunities, and boosters for the selected website, updating automatically as your model evolves.

Health Score

Every website in Mission Control includes a **Health Score**, reflecting the current strength of your self-healing cycle.

Scores are calculated based on:

Component	Weight
Signal Coverage (Ask + Listen + Keyword Fueling activity)	40 points
Content Generation (number of published Boosters)	30 points
Opportunity Coverage (Launchpad completion rate)	20 points
Auto-Generation Activation (active automation settings)	10 points

A strong Health Score (80–100) indicates balanced signal intake, ongoing content generation, and a healthy level of automation.

Monitoring Website Activity

Each connected website in Mission Control includes:

• Status Indicator: Monitoring (passive) or Self-Healing (auto-generation enabled).

- **Signal Count:** total active inputs from Ask, Listen, and Keyword Fueling.
- Opportunity Count: total gaps currently detected in Visibility Launchpad.
- Content Count: number of generated Boosters ready to publish.

Clicking **Configure** within any website's "Signals" stage opens a dialog for managing your **Signal Sources** (Ask, Listen, and Keyword Fueling).

Workflow Tip: Start by configuring at least one Signal Source per site to begin feeding Visibility Launchpad with real data.

Quick Actions

Within each Mission Control funnel:

- Configure Signals → Opens Ask, Listen, and Keyword Fueling configuration dialog.
- Visit Launchpad → Opens the Visibility Launchpad for deeper gap analysis.
- Launch Content → Opens the Content Booster listing filtered for that website.

These actions mirror the live funnel layout, allowing you to drill down into each system stage with one click.

License Indicators

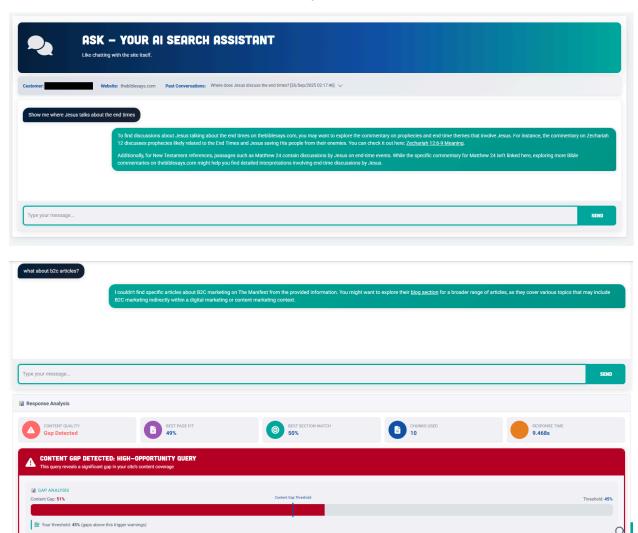
If your account is on a self-service plan (Light Brew or Full Roast), Mission Control will display upgrade prompts when higher-tier features are locked (e.g., auto-generation, fan-out prompts, schema enrichment).

Locked Features: Display a "The Roastery" badge and a padlock icon.

• Unlocked Features: Available to all Enterprise (Roastery) customers.

Ask (Search Assistant)

Simulate real-world search behavior inside your own site.



Overview

Ask is your on-site Al Search Assistant — a simulation environment that models how both users and Al systems (like Google's Al Overviews) interpret and interact with your content.

By typing natural-language questions into Ask, you can test how well your content answers real user queries. The system detects **missing topics**, **semantic misalignments**, and **answer gaps** — then feeds those signals directly into **Visibility Launchpad** for deeper analysis.

♦ Think of Ask as your Al-mode search engine sandbox — a window into how Google's LLMs "see" your site.

Accessing Ask

You can open Ask from multiple locations:

- From Mission Control, click Configure Signals → Ask.
- Or navigate directly to:

Dashboard → Ask (Search Assistant)

Once inside Ask, select the website or subdomain you wish to analyze.

Running Queries

1. Enter a Query

In the Ask interface, type any question or phrase a real user (or Al model) might use to find your content. Examples:

- "How does Market Brew simulate Google's Al Mode?"
- "Best practices for SEO embeddings"

2. View Al-Mode Results

Ask retrieves and ranks passages from your indexed pages — displaying the **Top 10 Most Relevant Content Blocks**. Each block includes:

- Page Title and URL
- Passage Text (700-character embedding window)
- Cosine Similarity Score (0−1.0)
- Matching Cluster and Confidence Indicator

Similarity Score measures how close your page's content embeddings are to the query. A score above 0.85 indicates strong alignment. Below 0.6 suggests a content gap.

Analyzing Ask Results

Visitor Queries and Al-Mode Insights

Ask visualizes your content in **embedding space** — showing how your pages cluster around specific query intents. This allows you to:

- Detect **semantic blind spots** where no content covers a particular question.
- Identify redundant clusters where multiple pages compete for the same query intent.
- Understand how LLMs associate your passages with user prompts.

Identifying Missing Topics

When Ask returns no high-similarity matches (or fails to surface relevant passages), that query becomes a **signal** — automatically sent to **Visibility Launchpad** as a new opportunity candidate.

Pro Tip: Run batches of top keyword questions from your analytics or Listen feed to quickly uncover weak areas.

Exporting Ask Data to Visibility Launchpad

Each query's metadata (query text, similarity scores, and matched pages) will be automatically exported to Visibility Launchpad for further analysis when the threshold has been reached.

To Export:

- 1. Configure "Content Gap Threshold" slider.
- 2. Ask will automatically send the opportunity to your next Launchpad.

The Launchpad then aggregates your Ask signals with Listen and Keyword Fueling inputs.

Using Ask with Content Booster

In addition to sending the prompt opportunity to Launchpad, you can trigger **Content Booster** to create a new page tailored to that prompt.

Steps:

- Enabled Auto Generation
- Select your Content Booster Template

Now your prompt opportunities will trigger Content Boosters automatically.

Workflow Example: "Ask" identifies a missing topic \rightarrow "Launchpad" prioritizes it \rightarrow "Booster" generates optimized content in minutes.

Recommended Use Cases

Scenario	Objective	Output

SEO Audit	Identify where current pages fail to match query intent	List of low-similarity queries
Content Strategy	Generate topic ideas based on real user or Al queries	New page opportunities
Onboarding	Demonstrate Al-Mode search behavior for clients	Visualized embedding comparisons

Pro Tips

- Run **Ask weekly** to detect shifts in Al-Mode coverage and topical alignment.
- Use **competitor URLs** in the same query to benchmark their passage coverage.
- Pair Ask reports with Al Overviews Visualizer for a holistic understanding of how Al surfaces content.

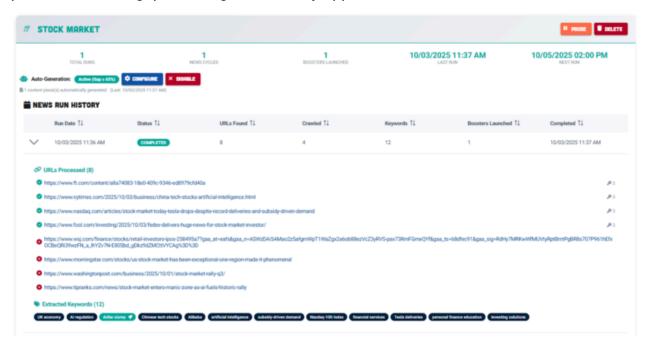
Listen (External Signal Engine)

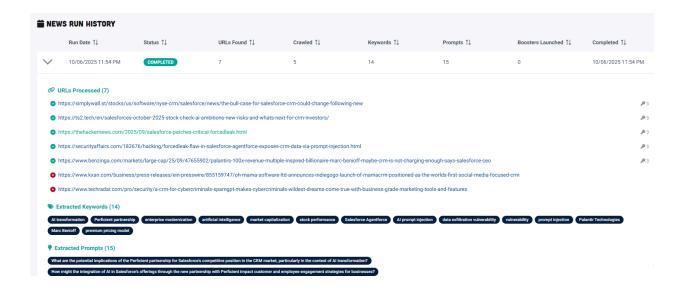
Capture what's trending before your competitors even notice.

Overview

Listen is your external signal detection system — a live monitoring engine that scans **Google News**, **press releases**, and **industry sources** to surface **emerging topics**, **entities**, and **keywords** gaining traction in your niche.

These insights feed directly into **Visibility Launchpad**, where they're analyzed for potential content gaps and organic visibility opportunities.





By combining **Listen** with **Ask**, you can map both **external market signals** and **internal audience intent**, creating a 360° SEO radar.

♦ Think of Listen as your SEO early-warning system — the ears of your self-healing website.

Accessing Listen

To open Listen:

- From Mission Control, click Configure Signals → Listen
- Or go directly to:

Dashboard → **Listen** (**Signal Engine**)

Once opened, select the website or campaign you wish to monitor.

Configuring Listen

You can add monitoring by specifying search phrases (e.g., "Al Overviews", "Google SGE", "Search Engine Modeling").

Keyword Extraction and Filtering

After fetching new articles, Listen uses **Market Brew's NLP and embedding models** to extract reverse engineer keywords and prompts from each trending news page.

Integrating with Visibility Launchpad

Automatic Feed

Each Listen session feeds its extracted signals into the **Visibility Launchpad**, where Market Brew's model measures:

- Topic novelty
- Competitive saturation
- Overlap with your existing content embeddings

When a signal scores high for novelty and low for similarity, it becomes a **new opportunity candidate**.

Using Ask with Content Booster

In addition to sending the prompt opportunity to Launchpad, you can trigger **Content Booster** to create a new page tailored to that prompt.

Steps:

- Enabled Auto Generation
- Select your Content Booster Template

Now your prompt opportunities will trigger Content Boosters automatically.

Workflow Tip: Treat Listen as your "top-of-funnel" signal collector. Everything that passes through Launchpad gets modeled, scored, and ranked for ROI.

Recommended Use Cases

Scenario	Objective	Output
Trend Monitoring	Detect emerging topics and entities	Fresh content ideas
PR & News SEO	Identify recurring brand mentions	Keyword clusters for outreach
Competitive Watch	Monitor rivals' coverage topics	Gaps and saturation levels
Authority Building	Publish timely insights on trending issues	Improved topical authority

Pro Tips

- Listen runs every Sunday at 2pm EST.
- Use **auto-generation** and then login to Market Brew Sunday nights to review your newly created Content Boosters.

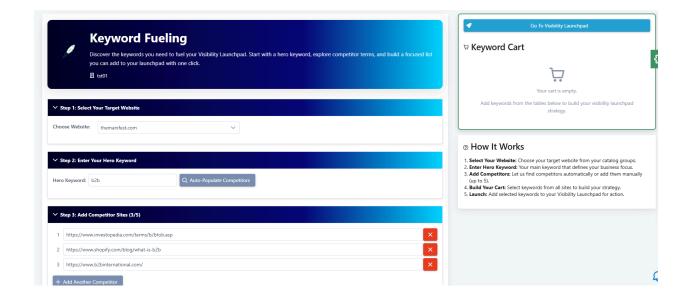
Keyword Fueling

Combine human research with Al-driven opportunity discovery.

Overview

Keyword Fueling is the manual PPC research companion to your automated signals.

It allows you to discover **keywords**, **search phrases**, or **content ideas** that are major parts of your competitive landscape — ensuring your strategy reflects both **market intelligence** and **human judgment**.



While **Ask** and **Listen** automate the discovery of new signals, **Keyword Fueling** gives you a way to slowly move PPC spend to SEO with modeled, and prioritized keywords inside **Visibility Launchpad**.

Think of Keyword Fueling as your PPC-to-SEO control panel

Accessing Keyword Fueling

You can open Keyword Fueling from:

Mission Control → Configure Signals → Keyword Fueling

Once opened, select a website to associate with your manual research list.

Each website maintains its own fueling queue, allowing you to target research by brand, campaign, or topic.

Adding Keywords

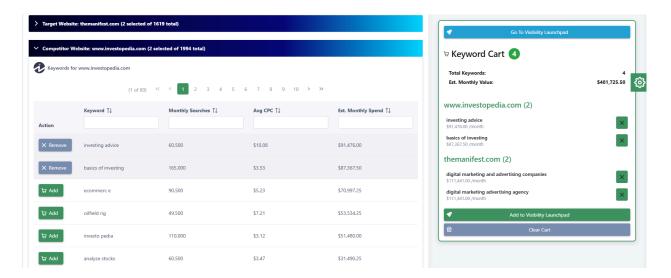
1. Select your Target Site

2. Enter your Hero Keyword

3. Review and Add Keywords to Cart

You will see keywords for your hero keyword, alongside keywords for your target site and the top 3 competitive sites.

- Review Keywords in your cart
- Click Send to Visibility Launchpad to immediately push them into the opportunity analysis system.



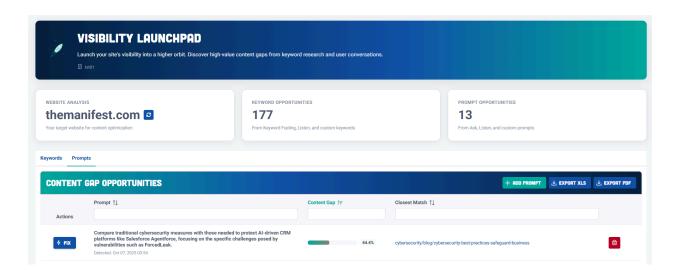
Visibility Launchpad

Transform search signals into prioritized opportunities.

Overview

Visibility Launchpad is the analytical core of your self-healing system — where all your signals from **Ask**, **Listen**, and **Keyword Fueling** converge.

It evaluates every keyword, query, and entity, scoring them for **search opportunity**, **content alignment**, and **expected visibility impact**.



From here, you can decide which opportunities to pursue manually or send directly to **Content Booster** for automated generation.

♀ Think of Visibility Launchpad as your mission control radar — it tells you what to build next and why it matters.

Accessing Visibility Launchpad

To open:

• From Mission Control, click Visit Launchpad

Select the **website** you'd like to analyze. Each site has its own Launchpad workspace that updates automatically as new signals flow in.

How It Works

1. Signal Aggregation

Visibility Launchpad collects inputs from:

- Ask (internal search signals)
- **Listen** (external news and trend signals)
- Keyword Fueling (manual entries)

Each signal is embedded, clustered, and compared to your site's existing content embeddings. This determines whether the concept already exists or represents a new gap.

2. Opportunity Scoring

Keywords are assigned a Launch Priority, based on:

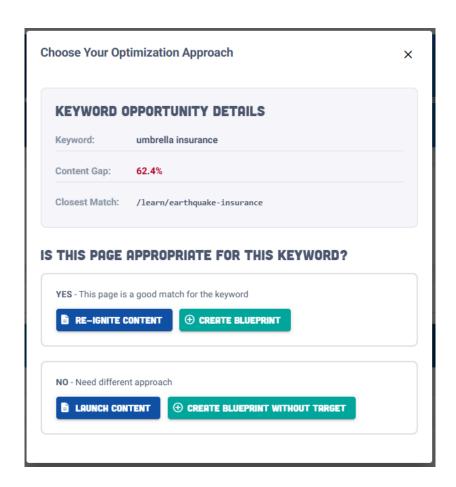
Factor	Description	Weight
Estimated Value Estimated PPC cost		40%

Content Gap	How dissimilar your current content is from the query	60%

Sending to Content Booster

Once you've identified high-value opportunities:

- 1. Click Fix.
- 2. Based on whether or not the landing page is already there, choose your desired path:
 - Ignite Content Booster (start from scratch)
 - o Create Ranking Blueprint with no Target
 - This allows you to assume a lower website in the model as a proxy to see how to design your page / site
 - o Re-ignite Content (use landing page as inspiration template)
 - Create Ranking Blueprint
 - i. This shows you how to design your page / site for that SERP



Launchpad will transfer all context — query, cluster data, and embedding insights — directly into the Content Booster form.

Workflow Example:

"Listen" finds trending topic \rightarrow "Ask" confirms no coverage \rightarrow "Launchpad" ranks visibility \rightarrow "Booster" builds optimized content.

Pro Tips

- Review Launchpad weekly it updates as new signals and embeddings change.
- Treat Launch Priority + Content Gap as your north star metrics.
- Export reports monthly to track your team's closing rate on opportunities.
- Upgrade to The Roastery for access to Ranking Blueprints and API automation workflows.

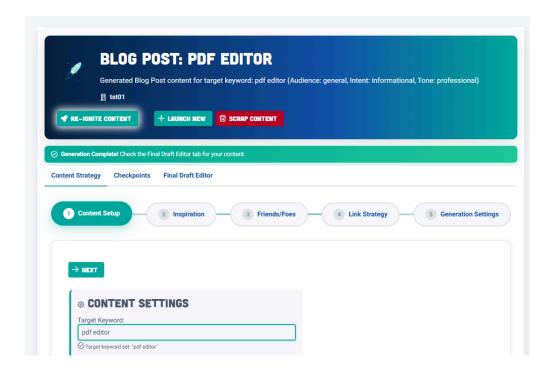
Content Booster

Generate optimized, brand-aligned content with precision controls.

Overview

Content Booster is the production engine of your self-healing website.

It transforms prioritized opportunities from **Visibility Launchpad** into **ready-to-publish content**, guided by your brand rules, templates, and SEO model data.



Each Booster run uses Market Brew's Al-driven embedding systems to ensure your new pages:

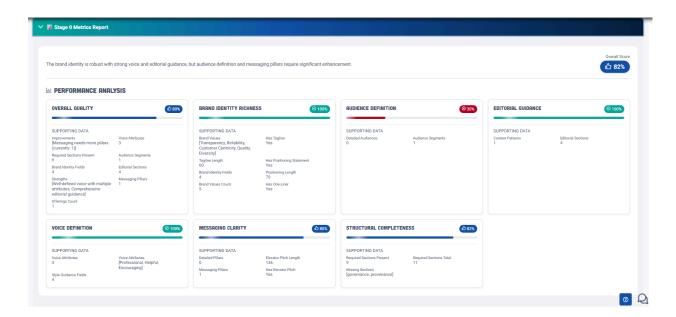
- Fill verified content gaps
- Reinforce internal link structures
- Align semantically with Google's Al-mode ranking patterns
 - Think of Content Booster as your AI content lab every page generated is informed by your own search engine model.

Accessing Content Booster

You can open Content Booster from:

- Mission Control → Launch Content → Select or Add Content Booster
- Visibility Launchpad → Ignite Content
- Al Overviews → Al Overviews Author → Content Booster

Each website has its own queue of Boosters — organized by **stage**, **status**, and **target keyword**.



The 7-Stage Workflow

Content Booster guides you through seven stages (Stage 0–6) from strategy to final review.

Stage	Name	Description	
0	Brand Bible	Defines your tone, style, and compliance requirements.	
1	Discovery	Selects keyword, prompt, and content intent.	
2	Audience	Specifies target audience and conversion objective.	
3	Planning	Chooses content type, structure, and word count.	
4	Context	Determines use of site context, competitor analysis, and schema enrichment.	
5	Linking	Configures internal/external link strategy and similarity thresholds.	
6	Generation	Builds and reviews the final output before publishing.	

Core Settings and Dials

Below are all adjustable parameters available to end users. Each dial directly influences how the AI system constructs and evaluates your content.

Setting	Description	Default
Target Keyword	Primary search term or topic. Used for embeddings and ranking simulation.	Required
Target Prompt	Custom query prompt (optional). Overrides keyword with a full-sentence query.	_
Content Type	Defines the format: Blog, Landing Page, FAQ, or Guide.	Blog
Target Audience	Describes the reader persona (e.g., "SEO Manager," "Business Owner").	General
Intent	Searcher's intent: Informational, Navigational, or Transactional.	Informational
Content Tone	Defines voice style: Authoritative, Conversational, Educational, etc.	Balanced
Target Word Count	Sets desired output length.	1,000
Use Site Context	Incorporates embeddings from your website for on-brand consistency.	✓ Enabled

Use Fan-Out Prompts	Expands the initial prompt using top competitor SERP coverage.	☑ Enabled
Use Schema	Jse Schema Adds structured data markup (FAQ, HowTo, etc.).	
Use Competitors	Analyzes top organic results to shape Al prompt tuning.	✓ Enabled
Generate FAQ	Automatically generates a question-and-answer section.	✓ Enabled
Enable Internal Links	Allows links between your own pages based on embedding similarity.	✓ Enabled
Enable External Links	Adds outbound references to trusted sources. "Friends" sites are prioritized; "Foes" are excluded.	
Minimum Similarity Threshold		
Template URL	Template URL Optional content reference to mirror structure or style.	
Template Influence	Template Influence Controls how much the output follows the template (0 = loose inspiration, 10 = near-replication).	
Link Density	Link Density Links per 100 words.	
Internal-to-External Ratio	nal Ratio Relative weighting of internal vs. outbound links.	

Using Templates Effectively

Template Influence determines how much structure the system borrows from a reference page.

Setting	Behavior	
Low (0-3)	Minimal template influence — primarily original content.	
Medium (4-6)	Balanced blend of your style and the template's structure.	
High (7-10)	strong influence — near replication of style and flow.	

Pro Tip: Start at 4−5 for lightly guided inspiration. Use 8+ only for highly branded or standardized content frameworks.

Fan-Out Prompts

When **Use Fan-Out Prompts** is enabled, Content Booster reverse-engineers the top organic results for your target keyword.

Reverse Engineer Fan-Out Prompts

When **Reverse Engineer Fan-Out Prompts** is selected, it crawls each top competitor in that SERP, and reverse engineers the prompts that would be responsible for ranking those pages at the top of the Market Brew search engine model. Your content will now

be optimized only for the fan-out prompts based on your target keyword / custom prompt, but also your top competitors already ranking.

Advanced Insight: These fan-out prompts are derived from the same embedding logic used by Google's Al-Mode (as seen in the Al Mode Visualizer), ensuring your generated content maps correctly to real search intent clusters.

Linking Controls

Internal Links

- Links are automatically suggested using cosine similarity between the identified anchor text and your existing pages.
- You can adjust the **Minimum Similarity Threshold** (30–85%) to control how strict those matches must be.

External Links

- Enabled when "Allow External Links" is turned on.
- Friends List: Ensures outbound links quote and reference partner or trusted sites.
- Foes List: Prevents linking to competitor domains or flagged sources.
 - **Pro Tip:** A 8:1 internal-to-external ratio (default) is ideal for authority reinforcement without link dilution.

Quality and Compliance Checks

During generation, each page passes through validation layers:

 Embedding Alignment Check: Confirms the new content aligns with its target keyword cluster.

- 2. Readability Evaluation: Optimizes for clarity and natural tone.
- 3. Schema and FAQ Validation: Ensures proper structured markup.
- 4. Internal Link Relevance: Cross-checks link targets by similarity score.

Recommended Use Cases

Scenario	Objective	Output	
New Topic Expansion	Fill uncovered opportunities from Launchpad	Optimized article or guide	
SEO Refresh	Rebuild outdated content to match Al-mode signals	Updated page draft	
Link Hub Creation	Generate pillar content to distribute link equity	Internal link-dense guide	
Content Standardization	Align pages to brand templates and tone	Style-consistent content set	

Pro Tips

- Use **Template Influence 4–6** for brand consistency; 7+ for strict compliance content.
- Keep Minimum Similarity Threshold at 0.55 for balanced internal link control.
- Enable Reverse Engineer Fan-Out Prompts for data-backed competitive expansion.
- Revisit **Link Density** monthly to balance crawlability and engagement.

Market Brew Mission Plans

Market Brew Mission Plans enables Crew to combine the guidance from multiple Ranking Blueprints to reveal scalable lessons that can be applied to the underlying templates / layout of that group.

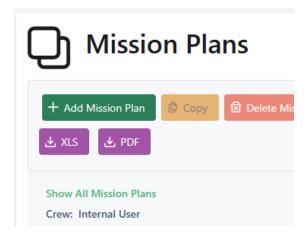
For instance, if a site has a blog section, then a Mission Plan could be created to understand what realignment needs to occur for the blog templates.

Pro Tip: Add a minimum of 3-5 Ranking Blueprints that all use the same template / layout. Each Ranking Blueprint should be a different page / keyword combination.

Parent Crew can create the following:

- Mission Plans -- defined by a list of Ranking Blueprints, each Mission Plan gives access to a list of Ranking Blueprints to its Crew Members. When a child account logs in and views their list of Ranking Blueprints, this will be the list of Ranking Blueprints from all of their assigned Mission Plans.
- Crew Members can be assigned to multiple Mission Plans, and can be assigned to one or more Roles. There is a special type of Role called Mission Director which is assigned to a Mission Plan, and has admin privileges for that Mission Plan (they can add/edit/remove Ranking Blueprints/Crew Members)

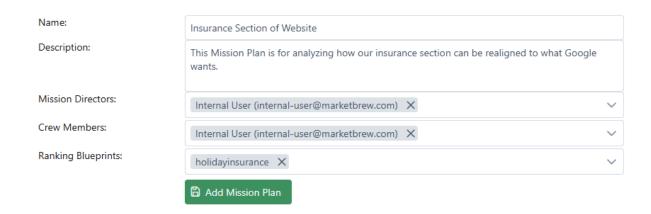
To add a Mission Plan, visit the Mission Plans screen, and click Add Mission Plan:



And click the Add Mission Plan button after Mission Plan details have been added.

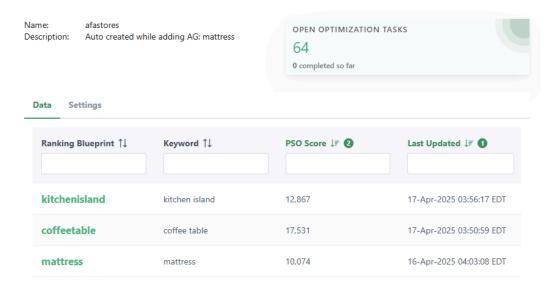
Only the Parent Account and Mission Plan Lead can edit Mission Plans.

Add Mission Plan



On the Mission Plan page, you can view Open Optimization Tasks and Ranking Blueprints.

Mission Plan

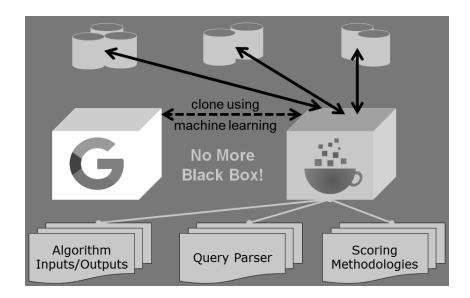


Introduction to Search Engine Models

Market Brew is one of the most sophisticated modeling tools for SEO.

Market Brew search engine modeling technology allows users to define, create, and deploy statistical replicas of any search engine environment.

It does this by starting with a "generic" search engine model, complete with all the modern families of algorithms, representing everything from on-page to off-page ranking factors. Each part of the search engine model's biases/weights are then finely tuned by an artificial intelligence process called Particle Swarm Optimization.



At the conclusion of this A.I. process, the "generic" search engine model has been transformed into a very useful and highly calibrated replica of the real thing.

- > users deploy website changes in the model and predict how ranking results will be affected when those changes are live.
- > users track and characterize algorithmic updates for any search engine by comparing bias/weight settings on each model.

Users can then deploy their changes on the search engine models in order to predict how the target search engine environment (TSEE) will react when those changes are introduced.

As a result, users can also copy these biases/weights from their production search engine model to various testing search engine models, in order to conduct A/B testing prior to the production deployment of those changes.

Ranking Blueprints

Ranking Blueprint Tutorial - Market Brew

Market Brew encapsulates its search engine models within "Ranking Blueprints".

Each Ranking Blueprint Defines:

A Set of Websites

These are sites that are determined by the Market Brew system to be outperformers of various algorithms. The Market Brew automated discovery system uses these websites to compare and contrast statistical differences in the search engine model to your target page.

	Website ↑↓	TSEE Ranking	Last Crawled	
ô	wholehomescenting.com	16	12-29-2021 22:56:51 UTC	✓ More Actions
•	shop.thegiftofscent.com	22	12-29-2021 22:56:51 UTC	✓ More Actions
•	www.athome.com	21	12-29-2021 22:56:51 UTC	✓ More Actions

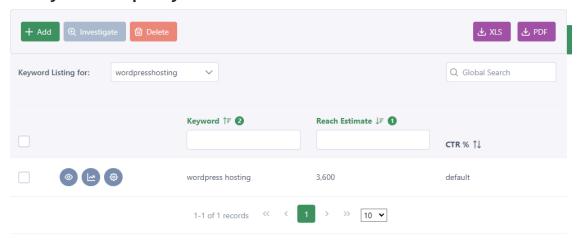
One Specific Keyword Phrase

In the past Market Brew users could add multiple keywords to each Ranking Blueprint, but that is no longer advised.

Each SERP has a unique set or flavor of algorithms, even between parent and long-tail versions of that same keyword!

Therefore, all new Ranking Blueprints target one keyword only.

Analysis Group Keywords

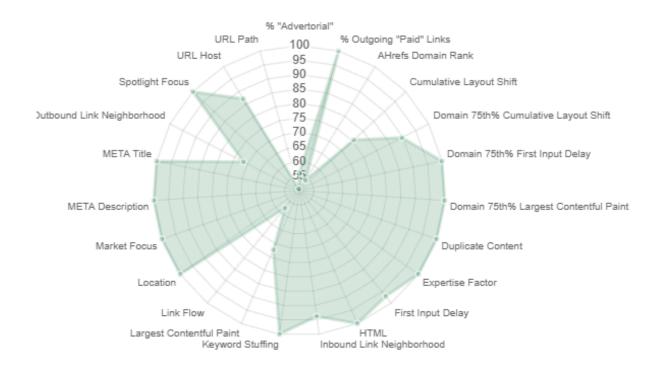


Boost Factors

Boost Factors are fine-tuning adjustments to the standard Market Brew model. These fine-tunings allow the Market Brew search engine to behave just like the target search engine environment:

Current Algorithmic Settings

Calibrated Boost Factors



Create a Ranking Blueprint

Setup A Ranking Blueprint - Market Brew

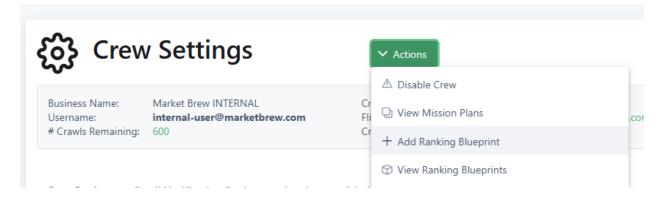
Note: This feature is available to Flight Engineers only at this time. To create a Ranking Blueprint, please contact your Flight Engineer.



Generate Multiple Ranking Blueprints By Site

To create one or more Ranking Blueprints for a given subdomain:

 Navigate to the appropriate Crew Settings screen, and click Add Ranking Blueprint



2. Enter a Target Site (note only the subdomain is needed).

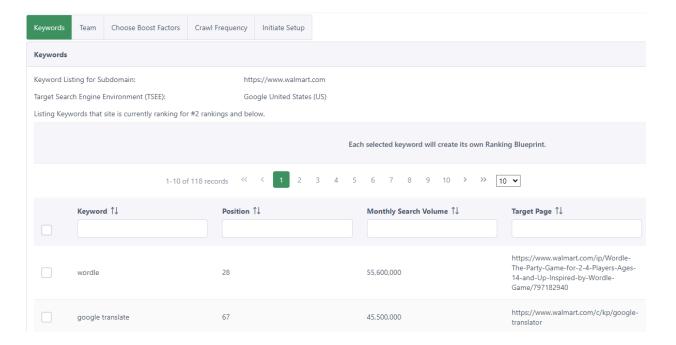


Ranking Blueprint Setup Wizard

This Wizard allows you to enter a target site and set up multiple Ranking Blueprints by selecting keywords. A target subdomain you want crawled. Prefer to manually select specific landing page, keyword and TSEE?



3. Select the desired keyword/s and landing pages (note: each keyword will set up a separate Ranking Blueprint.)



- 4. Additional information:
 - Add an optional Mission Plan,
 - Select which Child Crew to authorize,

There is a chance to review the setup information before initiating setup.

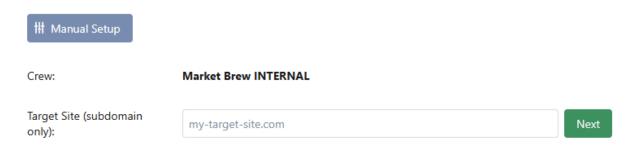
Manually Setup a Ranking Blueprint

If you would like to provide a specific landing page or keyword, or customize the rankings to calibrate against, select the Manual Setup button.



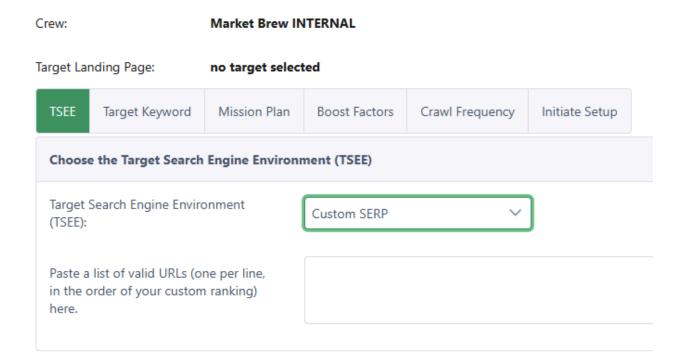
Ranking Blueprint Setup Wizard

This Wizard allows you to enter a target site and set up multiple Ranking Blueprints by selecting keywords. I sure to specify the subdomain you want crawled.



Provide a Custom SERP

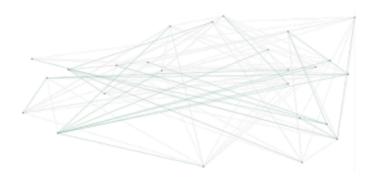
Market Brew uses 3rd party ranking data to calibrate against. Sometimes that ranking data is incomplete. In those cases, select "Custom SERP" (Custom Rankings) under the TSEE options, and provide a list of valid URLs that the Ranking Blueprint should use to calibrate against.



Manage Ranking Blueprint

Market Brew will send an email notification as soon as the Ranking Blueprint is setup:

Calibration Notice



Your Analysis Group Has Been Auto Self-Calibrated.

Analysis Group: 'websiteheatmap1'

Calibrated Keyword: website heatmap, using Google United States (US)

Websites in this Search Engine Model:

View Boost Factors

Once the model is built, the Boost Factors will have been automatically calibrated, using <u>Particle Swarm Optimization</u>.

To view the Boost Factors:

- 1. Visit the Ranking Blueprint screen
- 2. Navigate to Settings / Boost Factors



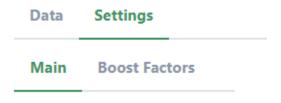
Adjusting Crawl Frequency

When setting up Ranking Blueprints, typically the crawl frequency is set to *One-Time*, since these are control groups and we don't want to change anything other than the target site.

To manually re-crawl select *One-Time* as the frequency. This will prevent the Ranking Blueprint from automatically re-crawling its Websites.

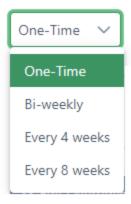
To update Crawl Frequency:

1. Navigate to the Settings / Main tab on the Ranking Blueprint screen:



2. Adjust Crawl Frequency:

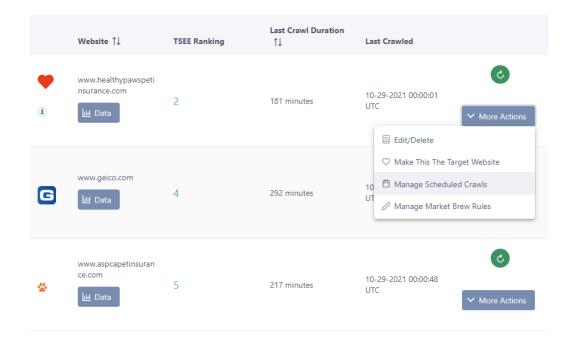
Max. Crawl Frequency:



Managing Scheduled Crawls Per Website

To adjust a crawl schedule for a Website:

- 1. Navigate to the Data tab on the Ranking Blueprint screen
- 2. Under More Actions dropdown, click *Manage Manage Scheduled Crawls*.



Re-Crawl Target Site

To re-crawl the target site, click *Re-Crawl Target Site* under the *Refresh* dropdown at the top of the Ranking Blueprint screen.



Ranking Blueprint

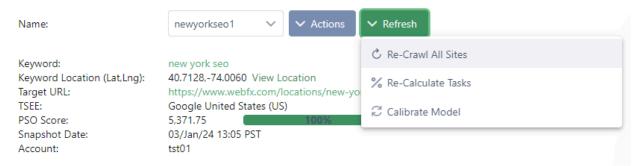


Re-Crawl Entire Ranking Blueprint

To re-crawl an entire Ranking Blueprint, click *Re-Crawl All Sites* under the *Refresh* dropdown at the top of the Ranking Blueprint screen. *Note: this is generally not advised since we want to keep everything constant while changing ONLY the target site.*



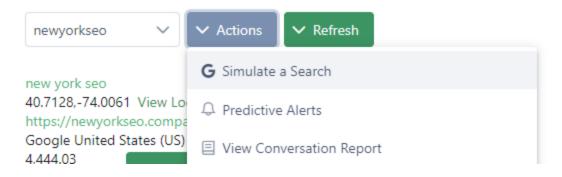
Ranking Blueprint



Exploring the Search Engine Model

While it is not required to dive into the underlying search engine model, it is beneficial to understand how it works, to better anticipate answers to optimization problems that will arise.

To interact with the search engine model, click on *Simulate a Search* on the Ranking Blueprint screen More dropdown:



The search listing screen will contain only the websites that are part of the model, but will behave based on the target search engine environment (TSEE).

Generating A Strategic Action Plan

There are two ways to use Market Brew's search engine modeling technology to build a strategic action plan for a given Website.

1. **Top Down:** This is the conventional (and outdated) "kitchen sink" approach. We start with the Website Dashboard TODO list. This allows us to see everything from the 10,000 ft. level, and assess everything technically wrong with the site:

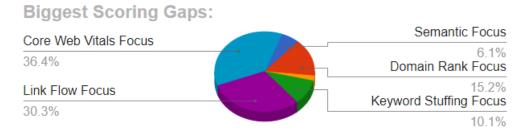


2. **Bottom Up:** The smarter way. Market Brew has pioneered the ability to use highly calibrated search engine models to discover what the biggest statistical gaps are between the target site and the

outperformer in each ranking factor for any TSEE. These gaps are often seen in a pattern across portions of the site, and therefore it is not necessary to create a Ranking Blueprint for every single keyword / landing page combination. For example, if one Ranking Blueprint shows that the biggest gap is due to the Market Focus algorithm, and that landing page uses the same template as the other pages on the site, a potential site-wide issue should be closely observed for any landing page in the site for that algorithm.

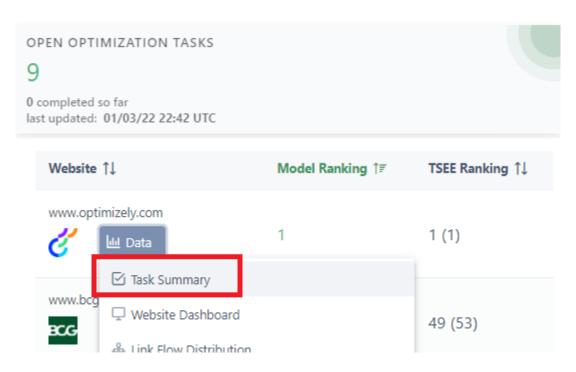
Where You Should Focus: Key Scoring Gaps

The simulation revealed that this page can improve in ranking for the query "wordpress hosting" by focusing 6.00% on the Semantic Score, 15.00% on the Domain Rank Boost, 2.00% on the Expertise Factor Boost, 10.00% on the Keyword Stuffing Boost, 30.00% on the Link Flow Boost, and 36.00% on the Core Web Vitals Boost.



Data Discovery

There are four main screens for each Website, and a Top Optimization Tasks screen for each Ranking Blueprint Target Website:



- 1) **Task Summary** Market Brew runs millions of "what-if" simulations for every website in the Ranking Blueprint, and determines (based on the search engine model assumptions) which optimizations would give the quickest statistical closure for the least amount of effort. You can also view any alternate landing page's summary on-demand.
- 2) **Top Anchor Text** a powerful analysis of every anchor text in the site is evaluated and associated with a specific amount of Link Flow. This is called "Associated Link Flow Share". Click on the "Show Competitors" checkbox and to instantly switch from the target site's keywords to its competitor's keywords.
- 3) **Link Flow Distribution** one of the major components of a search engine model is the link graph, or how each webpage links to every

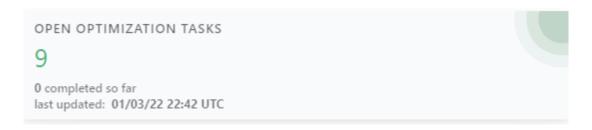
other webpage. The Link Flow Distribution screen reveals exactly how much Link Flow is being distributed to each webpage in the website. In addition, Market Brew provides a visualization of the shape of the distribution.

4) **Website Dashboard** – contains all technical SEO: every input and output of data in the website. View the Report Center tab to find a treasure trove of data. Or click on an alert to visit a specific area of the search engine model.

Top Optimization Tasks

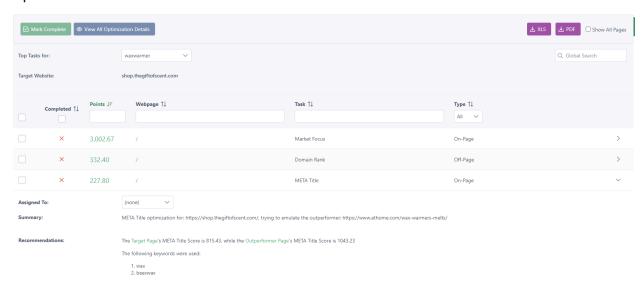
Optimization Tasks - Market Brew

Each Ranking Blueprint Screen provides a list of Open Optimization Tasks:



These are the top tasks that have been generated for this Ranking Blueprint / Target Landing Page combination. Click the number to see the detailed list:

Optimization Tasks



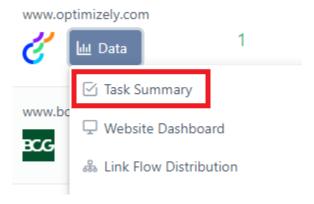
Task progress is tracked since last calibration, and each Task is assigned a set of "Optimization Points", with the most correlated algorithms and largest statistical gaps between the target landing page and each outperformer in that area of the model receiving the highest points.

The Tasks are sortable / filterable on points, page, task name, and type.

Task Summary

To access the Task Summary screen:

- 1. Navigate to a Ranking Blueprint
- 2. Find the target page and click the Data tab
- 3. Click on Task Summary to view the top simulation that was run.

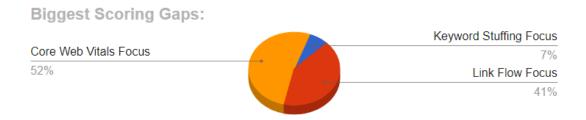


The Task Summary screen will show the top keyword / webpage combination to optimize, along with a detailed breakdown which calculates WHERE to efficiently reduce the statistical gap between this target page and the "Outperforming" competitor pages directly above it.



Where You Should Focus: Key Scoring Gaps

The simulation revealed that this page can improve in ranking for the query "online marketing" by focusing 7.00% on the Keyword Stuffir 41.00% on the Link Flow Boost, and 52.00% on the Core Web Vitals Boost.



To select an alternative target page, use the *Target Webpage* dropdown selector.

Prioritized Opportunities to Improve your SERP Ranking

This section provides a technical breakdown of how the target landing page did against the search engine algorithms which are responsible for causing the biggest statistical gaps vs. the outperformer in the group.

META Title Score

The next largest weakness is its META Title Score, off 408.97 from the outperformer (https://www.polygon.com/ps4/2018/10/12/17965856/best-ps4-games has an equivalent META Title Score of 967.87).

Let's do a comparison between the META Title of this landing page vs. the outperformer in the group:

"The Outperformer" (META Title Score: 967.87)

The best PS4 games to play right now - Polygon

From God of War and Marvel's Spider-Man to earlier classics like Bloodborne and Horizon Zero Dawn (and of course Persona 5), here are the must-haves, the essentials for PS4: the best Sony PlayStation 4-exclusive games and multiplatform titles from launch through 2021. Here's what to play.

https://www.polygon.com/ps4/2018/10/12/17965856/best-ps4-games

Target Site

(META Title Score: 558.90)

25 Best Games of the PS4, Xbox One, and Switch Generation - Den of Geek

With the Xbox Series X and PlayStation 5 set to kick off the next generation of games, we look back at the titles that made the current generation of consoles so memorable.

https://www.denofgeek.com/games/25-best-ps4-xbox-one-nintendo-switch-games/

Before we talk about the differences, please refer to Lucene's scoring algorithm as follows:

- 1. tf = term frequency in document = measure of how often a term appears in the document
- 2. idf = inverse document frequency = measure of how often the term appears across the entire index
- 3. coord = number of terms in the query that were found in the document
- 4. lengthNorm = measure of the importance of a term according to the total number of terms in the field

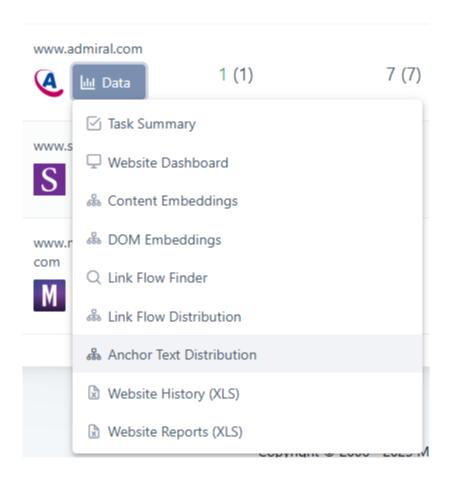
Looking closer, it is apparent that https://www.denofgeek.com/games/25-best-ps4-xbox-one-nintendo-switch-games/ is not ranking as well with the META Title scoring because of the lengthNorm portion of this matching algorithm.

In the example above, the model detected a statistical gap in the META Title between the target page and the outperformer and gave a quick comparison as well as links to explore more in detail.

Anchor Text Distribution

To access the Anchor Text Distribution:

- 1. Within a Ranking Blueprint click the Data tab next to the target site,
- 2. Click on *Anchor Text Distribution* to view the Anchor Text Distribution for the Website.



Explore the Anchor Text Graph around your site, including the Associated Link Flow Share for every link, using Market Brew's powerful scoring layer.

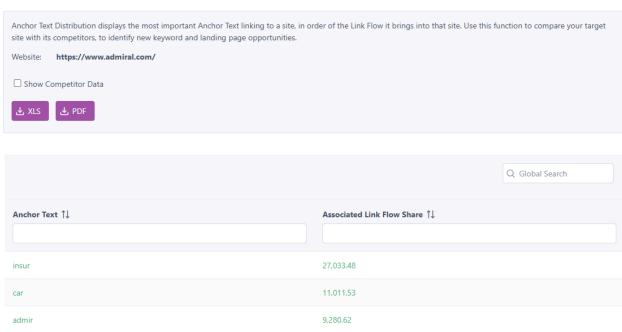
Compare how your competitors' anchor text is set up, and understand more about how they are linking to content. See what the outperformer in this area of the model is doing.

Each anchor text has an "Associated Link Flow Share". Associated Link Flow Share is the total amount of Link Flow flowing through links with that anchor text.

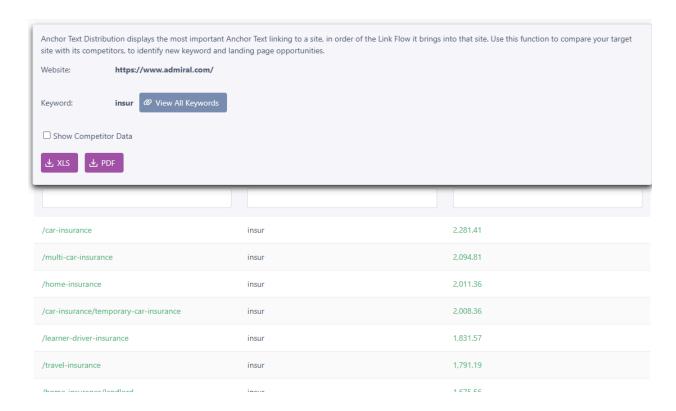
Target Site Research

The initial view is of the target site's own anchor text.

Anchor Text Distribution

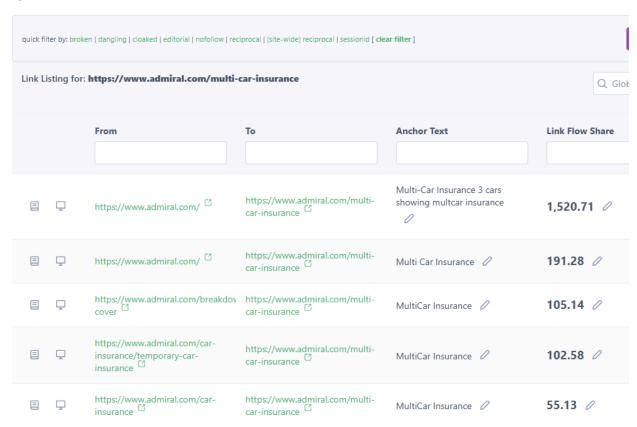


Clicking on the anchor text provides a breakdown of every page with links to it that contain that anchor text:



Clicking on the Associated Link Flow Share provides a link listing of every link that has that word in its anchor text:

Link Listing



Competitor Site Research

Click on the "Show Competitor Data" checkbox within the Top Anchor Text screen. This will instantly switch from the target site's anchor text to its competitor's anchor text. Any site that appears alongside the target site, in any Ranking Blueprint, is included. Therefore, the more Ranking Blueprints the better the anchor text research becomes.

The Competitor view starts with grouping by anchor text.



Anchor Text Distribution

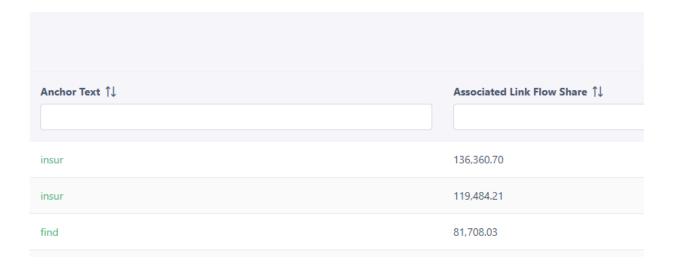
Anchor Text Distribution displays the most important Anchor Text linking to a site, in order of the Link Flow it brings into that site. It site with its competitors, to identify new keyword and landing page opportunities.

Website: https://www.admiral.com/

Show Competitor Data

L XLS

PDF



To expand the view, click on a keyword to view a grouping by competitor sites.

Anchor Text Distribution Anchor Text Distribution displays the most important Anchor Text linking to a site, in order of the Link Flow it brings into that site. Use this function to compare your target site with its competitors, to identify new keyword and landing page opportunities. https://www.admiral.com/ insur W View All Keywords Keyword: ✓ Show Competitor Data ± XLS ± PDF Q Global Search Website ↑↓ Anchor Text ↑↓ Associated Link Flow Share ↑↓ 136,360.70 www.gocompare.com www.comparethemarket.com 119,484.21

Clicking on the anchor text in this mode takes you back to a "Target Site Research" page in that site's context, listing each of its individual pages.

insur



Anchor Text Distribution

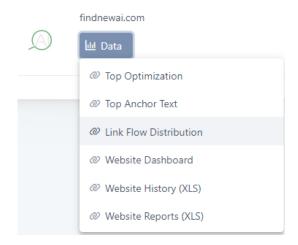


Link Flow Distribution

■ Mastering Link Flow Distribution with Market Brew | SEO Internal Linki...

To access the Link Flow Distribution screen:

- 1. Navigate to a Ranking Blueprint and click the Data button
- 2. Click on *Link Flow Distribution* to view the Link Flow Distribution for the Website.



A view of the Website's Link Flow Distribution will be presented, along with its Link Flow Distribution History:

This screen will show which webpages, structurally, should be positioned in the link graph of that website.

Flat Distributions — a Common Mistake

From roughly 2007 to present, it has been very customary to create *mega menus* that contain links to almost every page in the website. Menus with 40+ items are not uncommon today. However, search engines have maintained their algorithm that similar pages are measured against each other via the link graph calculation.

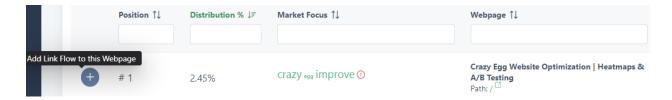
So, what is the problem? With a navigation design like this, the Link Flow Distribution gets very flat (lower value). When this happens, search engines will think the *privacy policy* page is just as important as the *product* page. Since the website will NEVER rank for *privacy policy*, it has effectively thrown away 50% of the Link Flow for the *product* page.

Therefore, it is very smart to ensure as much of a 1:1 relationship between the keywords you are targeting, and the pages that exist in the website. The Link Flow Distribution screen shows you how.

As a rough estimate, try to maintain 4-7 top pages (significantly more Link Flow % than the rest) until you are ranking in the top 10 for those. Then you can start adding sub-categories, once you have developed enough incoming Link Flow to the website (called the website's "Gross Total Link Flow").

Link Flow Finder

One of the biggest hurdles when it comes to adding links to a website, is the lack of knowledge on where to strategically add Link Flow to certain pages for the highest impact. With the Link Flow Finder feature, this hurdle is a thing of the past.



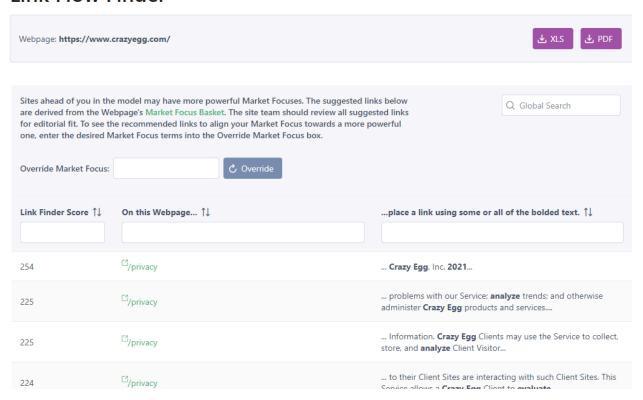
The Link Flow Finder works like this: for each target page, the system takes the already calculated Market Focus Basket of phrases assigned to that URL, and uses those phrases to do a <u>proximity search</u> on all the other pages in the site. Each resulting text fragment / snippet, with these key phrases highlighted, is then presented to the user with the corresponding page that it is on.

Market Brew's magic happens when our models find that the target site's Market Focus Basket is NOT the best Market Focus Basket. When this occurs, it is the outperformer site that is used to harvest the keywords to

search against. This is particularly helpful when a target site doesn't know what the correct keywords are yet.

Therefore, the more Ranking Blueprints the better the Link Flow Finder becomes.

Link Flow Finder



To access the Link Flow Finder page:

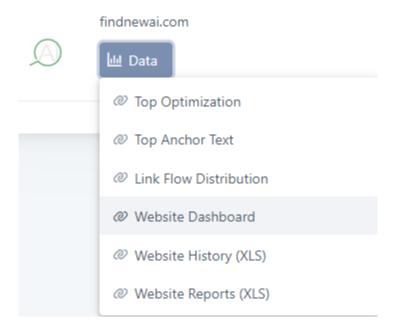
Click the "Plus Sign" on the left hand side of any page in the Link Flow Distribution screen. From this page Market Brew identifies where to add links to the target page using the highlighted snippets. The snippets are ordered by the most potential Net Link Flow Share, making this process a very powerful approach to shaping the Link Flow Distribution and Balance.

	Position ↑↓	Distribution % ↓₹	Market Focus ↑↓
•	# 1	1.24%	alcohol treatment programs
•	# 2	1.18%	alcohol addiction abuse
+	# 3	1.02%	alcohol withdrawal detox
+	# 4	0.92%	mental health disorders

Website Dashboard

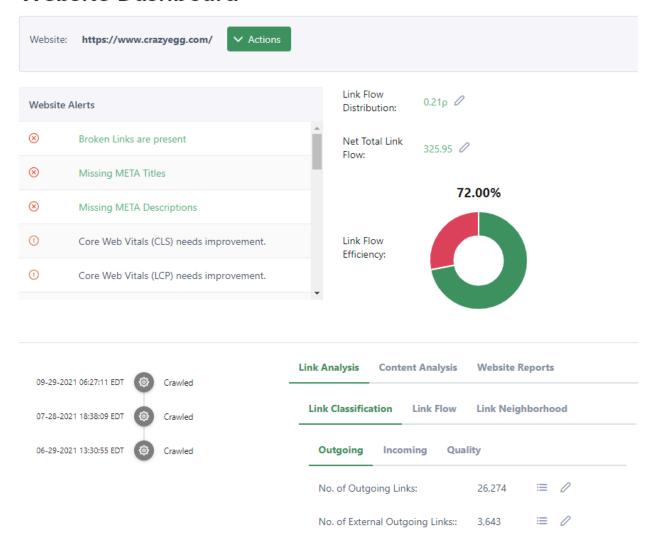
To Access The Website Dashboard:

- Navigate to a Ranking Blueprint and click the Data button on the target site
- 2. Click on Website Dashboard to view the Website Dashboard.



The Website Dashboard screen shows a lot of critical information for the entire subdomain:

Website Dashboard



- 1. **Website Alerts** ordered by most critical to least critical, these are technical issues with the website. *Note: they are NOT in order of the highest priority. For that, visit individual <u>Ranking Blueprints</u> to determine exactly which issues are harming the website most.*
- 2. **Link Flow Distribution** a statistical measure of how steep or flat the Link Flow Distribution curve is for the website's internal linking structure.

- 3. **Link Flow Efficiency** a general indicator of how efficiently the website is using its Domain Rank (calculated primarily using the External Incoming Link Flow from other websites).
- 4. **Net Total Link Flow** -- a quick breakdown of how both the algorithmic penalties and the Link Loss are affecting the overall Potential / Net Total Link Flow.

Website Reports

On the Website Dashboard, there are numerous ways to compare every input and output between any two different snapshots:

1. Website History Report — located on the Website Reports tab. This will provide every input and output of the model for each snapshot. Algorithmic scoring and penalties can be easily compared between the production site and the test sites, to see if the overall situation is better or worse for each part of the search engine model. Are the duplicate content penalties better or worse? Does the new content create "paid link" penalties in the model? Is the new content considered "keyword stuffing"? Is the Link Flow Distribution better on version 1 or version 2? This comparison will reveal the answer.

To access the Website History Report:

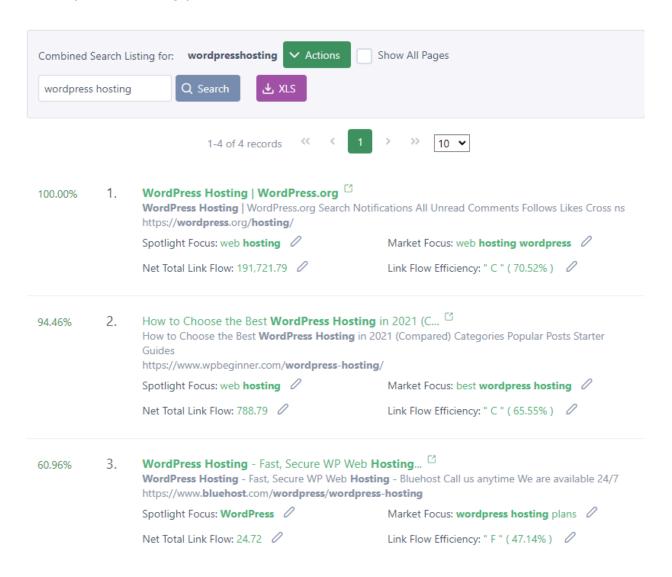
- a. Navigate to the chosen Ranking Blueprint
- b. Navigate to the bottom right,
- c. Click on Website Reports
- d. Click on CATALOG-WEBSITE-HISTORY to download the document.

Link Analysis Content Analysis Website Reports

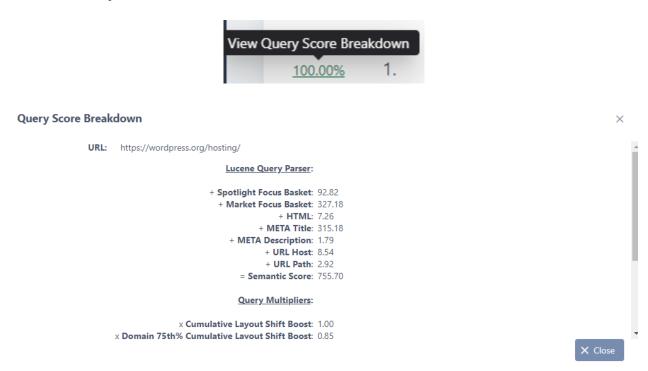
Report Type ↑↓	Date ↑↓
CATALOG-WEBSITE-HISTORY	11-18-2021 15:24:32 PST
CATALOG-WEBSITE-REPORTS	11-18-2021 15:24:32 PST

Query Scores

The search engine model query layer uses the <u>Lucene Query Parser</u>, which always gives the #1 ranking position a 100% query score, and then subsequent ranking positions are based relative to that.



Every major area of the search engine model is considered when determining which types of optimizations should be prioritized. In the case below, view the Query Score Breakdown and its subcomponents by clicking on the Query Score:



Scroll down to view every Boost Factor and how it contributes to the final Query Score.

Market Brew's automated discovery system uses this data to replicate the exact types of algorithms that are the deciding factors in the target search engine environment (TSSE), shown on both the <u>Top Optimization screen</u> and the <u>Market Brew Conversation reports</u>.

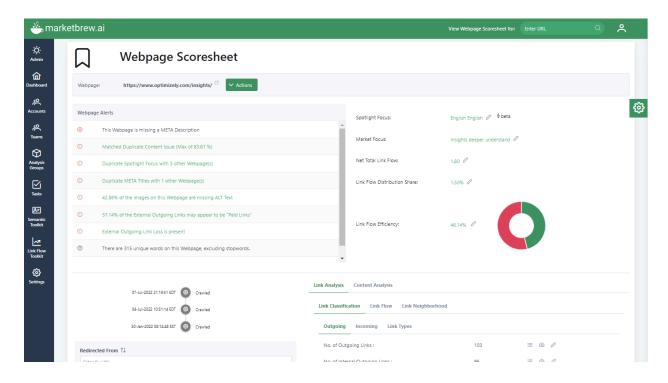
Additional Data Screens

In addition to the main site screens, there are numerous supporting screens that allow a deep dive into the data already presented here.

The most common ones are:

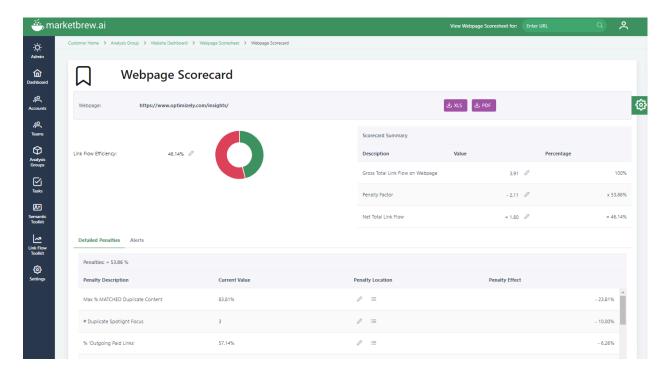
Webpage Scoresheet

View all of the technical data for each webpage.



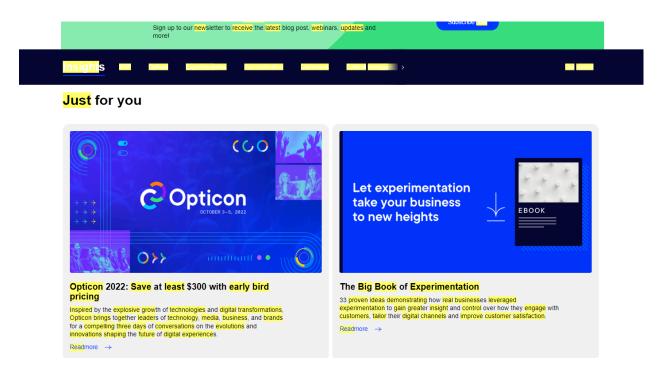
Webpage Scorecard

View how the families of modeled SPAM algorithms affected the webpage's Net Total Link Flow.



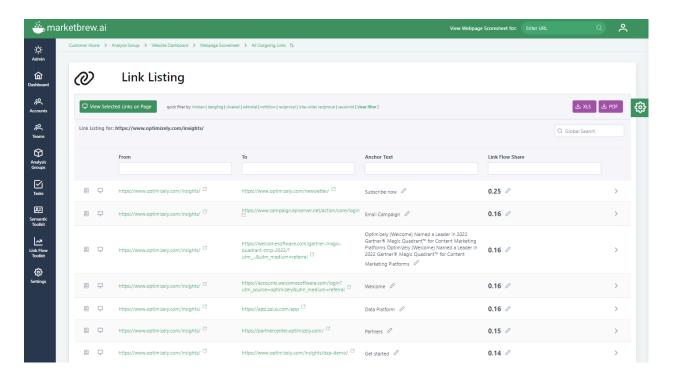
Webpage Snapshot

View a cached view overlay of webpage data. Here is an overlay of duplicate content between this page and some other page in that site.



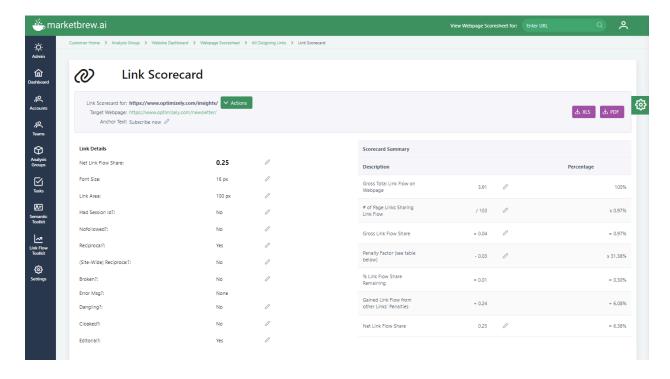
Link Listing

View links grouped by similar characteristics. Each link will transmit a specific amount of Link Flow Share, which is determined by simultaneously scoring each link on the page. There are thousands of iterative steps for some of these link algorithms. Click on the first icon to visit the Link Scorecard for more details for each link.



Link Scorecard

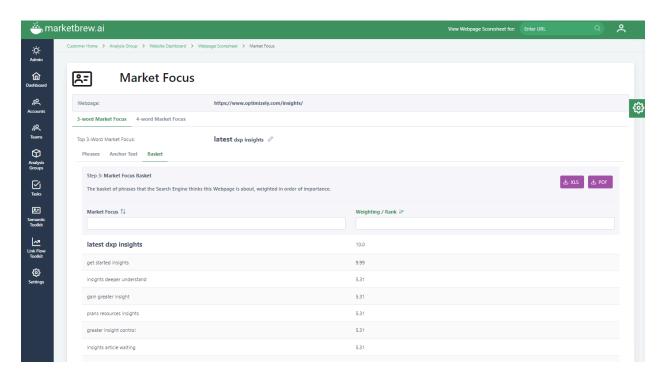
View how all link characteristics affected the Link Flow Share. Link penalties simply redistribute the Link Flow Share on the page, so by placing "penalties" on a particular link, you can often change the other links as this penalty is redistributed to other links on the page.



Market Focus

■ Market Focus Algorithm Tutorial | Keyword-Based SEO with Market Br...

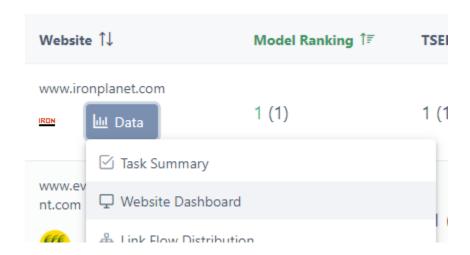
The keyword-based semantic algorithm. See Spotlight Focus below for a similar algorithm's explanation.



Embeddings Visualizer

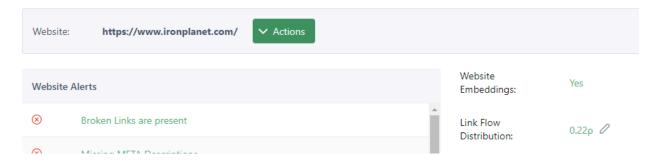
The Website Embeddings Visualizer can be found on the Website Dashboard.

From your Ranking Blueprint, click Website Dashboard:



If embeddings have been enabled, it will say "yes". Click on that and you will be taken to the Embeddings Visualizer.

Website Dashboard



All of your content is chunked into 700 character segments and converted to a double vector of 1,536 dimensions.

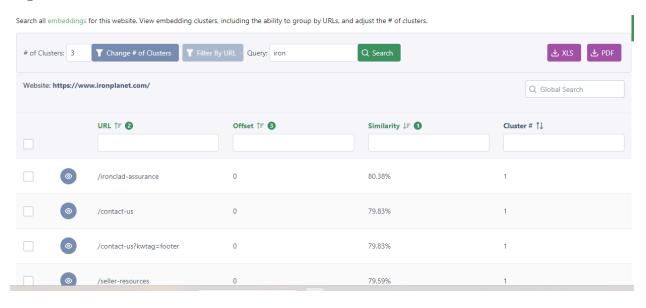


Website Embedding Listing

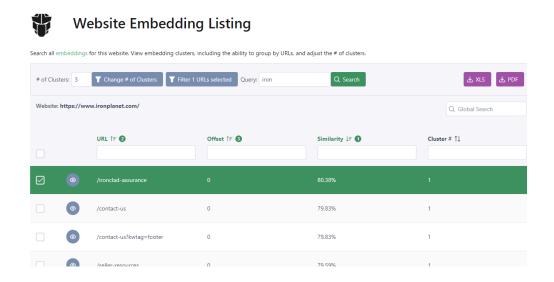
These vectors are stored and can be manipulated to show many different aspects of your site.

Type a query and get back the similarity scores for the chunks in your site.

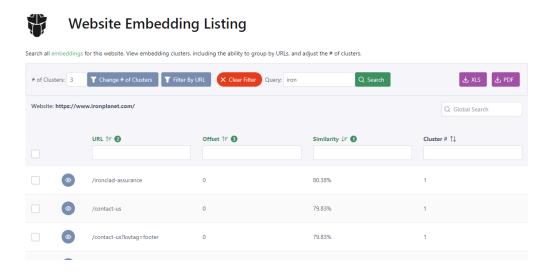
Website Embedding Listing



You can then filter on one specific embedding chunk...



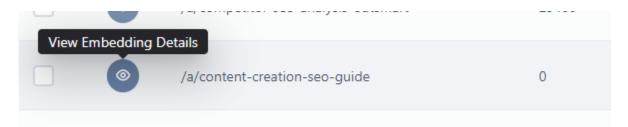
...to find all other chunks like it on the site.



Note that even with the alike chunks filter on, you can still cluster them!

You can try to adjust your cluster number to tease out the different templates in the site, formal or informal. For example, if each page uses three template, setting the cluster # to four would capture your three templates in the three clusters, and cluster four would presumably contain all of your unique content on the site.

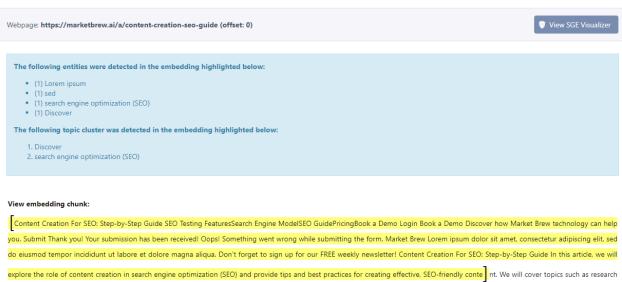
You can view any embedding chunk by clicking on the visualization icon:



And you will see the embedding chunk, with any entities and topic clusters detected within it.



Webpage Embedding

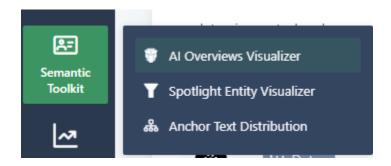


Al Overviews Visualizer

■ Al Overviews Visualizer Tutorial - Market Brew

All of your content is chunked into 700 character segments and converted to a double vector of 1,536 dimensions. These vectors are stored and can be manipulated to show many different aspects of your site.

The AI Overviews Visualizer can be found on the Semantic Toolkit menu.

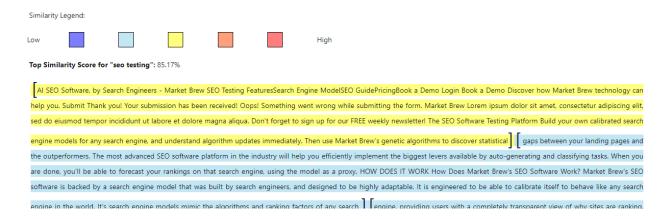


The embedding chunks are visualized and, if a query is added, a heat map showing the relative cosine similarity between the query vector and the embedding chunk vectors.

Given a query, there are a number of metrics that are derived from this, including:

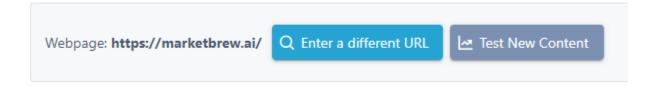
- a) **Max. Similarity:** the maximum cosine similarity of any given embedding chunk with the query.
- b) **Avg. Similarity:** the average cosine similarities of each embedding chunk on the page.
- c) **Top Cluster:** the embedding chunk with the highest cosine similarity for the query is found, and the top cluster score is updated depending on whether or not that embedding chunk is found on the page's top embedding cluster. Content chunks inserted into a page that aren't related to the page will receive lower scores because of this algorithm. This can be considered a page-level Parasite SEO filter.

d) **Top Cluster (Site):** the embedding chunk with the highest cosine similarity for the query is found, and the top cluster (site) score is updated depending on whether or not that embedding chunk is found on the site's top embedding cluster. Content chunks inserted into a page isn't related to the site will receive lower scores because of this algorithm. This can be considered a site-level Parasite SEO filter.



Whenever you see a task based on these algorithms, the AI Overviews Visualization will help you adjust your content to align with Google's bias.

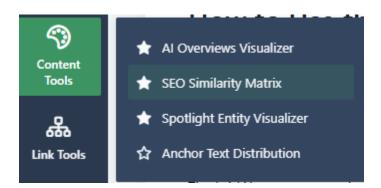
Use the "Test New Content" feature to upload your updated HTML and test again.



Al Mode Visualizer

■ Al Mode Visualizer Tutorial

Click on Content Tools, Al Mode Visualizer.



The AI Mode Visualizer tool allows you to compare the semantic similarity between multiple keyword embeddings and a webpage's content embeddings. This can help you understand how different sections of the page's content stack up against root and long-tail keywords. For detailed embedding insights about a specific keyword, use the AI Overviews Visualizer.

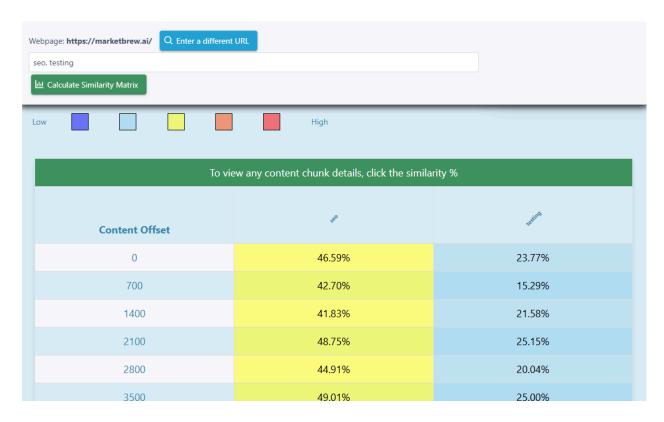
Enter a URL and up to 10 keywords to create a matrix of cosine similarities. This will calculate the average cosine similarity of each embedding chunk of content on the page, for each keyword.

How to Use the Al Mode Visualizer

The AI Mode Visualizer is a powerful tool that allows you to explore how Google views your page's content through embeddings:

1. Enter a URL: In the input field labeled "Enter a URL," type or paste the URL of the webpage you want to analyze.

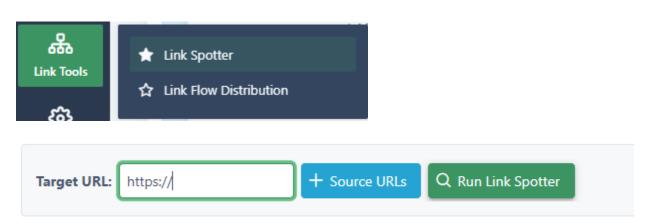
- Enter Keywords: In the input field labeled "Enter Keywords," type or paste the keywords (comma separated) that you would like to calculate.
- 3. View Embedding Similarities: Once a URL and keywords are entered, the AI Mode Visualizer will calculate the embedding similarities for the content on the webpage. You will be able to see the cosine similarity for each content chunk on the page.



Link Spotter

■ Find Perfect Link Opportunities Using AI - Market Brew Link Spotter Tu...

Click on Link Tools, Link Spotter.



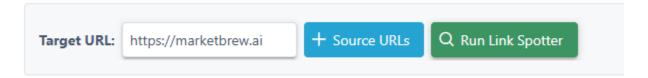
Find the best spots to link back to your most important pages. Link Spotter leverages the power of AI to analyze and recommend optimal link placements to a target page. Simply input a target page and up to five source pages, and Link Spotter will identify contextually relevant chunks of content within those pages to create high-impact links. Save time, improve your internal linking strategy, and enhance user experience and SEO with precision-driven recommendations.

Enter a target URL and up to 5 source URLs.

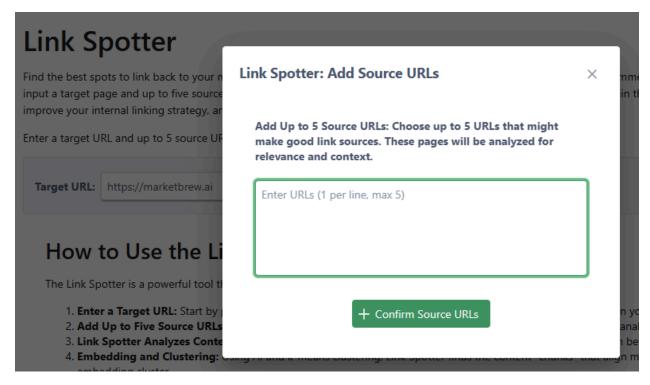
How to Use the Link Spotter

The Link Spotter is a powerful tool that allows you to find the best spots to link back to your most important pages:

1. Enter a Target URL: Start by providing the Target URL of the page you want to promote or connect more within your site.



Add Up to Five Source URLs: Choose up to five URLs that might make good link sources. These pages will be analyzed for relevance and context.



- 3. Link Spotter Analyzes Content: The tool breaks each page into sections, creating "chunks" of content that can be independently analyzed.
- 4. Embedding and Clustering: Using AI and k-means clustering, Link Spotter finds the content "chunks" that align most closely with your target URL's top embedding cluster.

- 5. Get Your Link Recommendations: The tool returns a ranked list of content chunks from the source URLs that are the best spots for linking back to your target page.
- 6. Implement with Ease: Simply review the recommendations and add the links directly to your content.

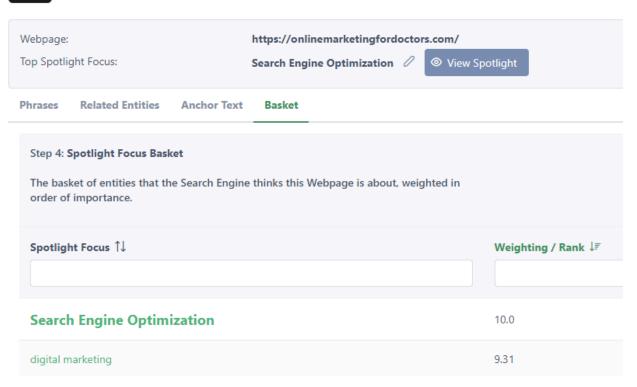
Spotlight Visualizer

■ Spotlight Focus Algorithm Explained | Entity SEO Classification with M...

Spotlight Focus is Market Brew's entity-based semantic algorithm that taps into the Knowledge Graph by performing a number of critical calculations:

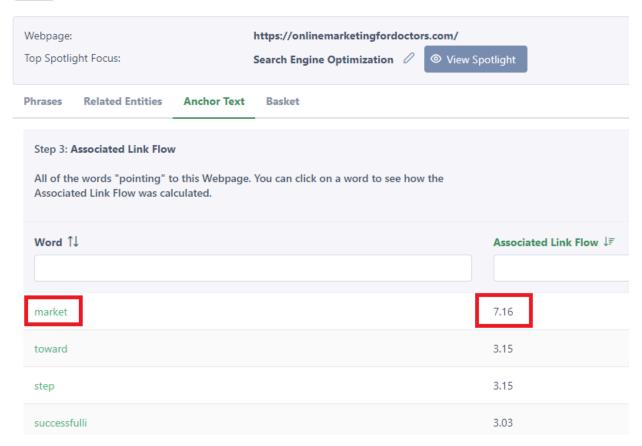
- 1. **Entity Detection** each entity on the page that can be linked to the Knowledge Graph is detected.
- 2. **Entity Disambiguation** each entity is disambiguated using a neural network. "Ford" could mean "Gerald Ford" or "The Ford Company", depending on the context of the surrounding content.
- 3. **Topic Clustering** each entity is inspected to determine which entities are most closely related to each other, and this is combined with the citation / link structure to the page to create a Related Entities (Topic Cluster).

Spotlight Focus

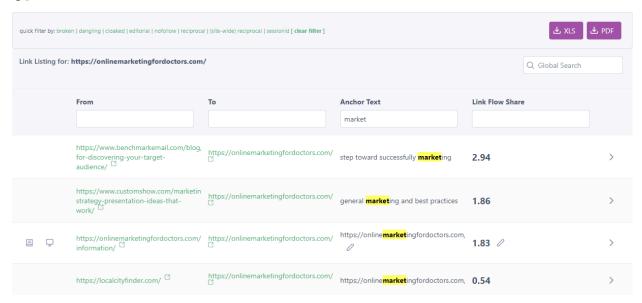


Each incoming link is inspected and calculated to determine how much Link Flow Share is flowing through a link, and then each anchor text word is porter stemmed to associate that amount of Associated Link Flow with that anchor text word. Each time that word appears in one of the entities, that entity is promoted to the top of the Spotlight Focus basket.

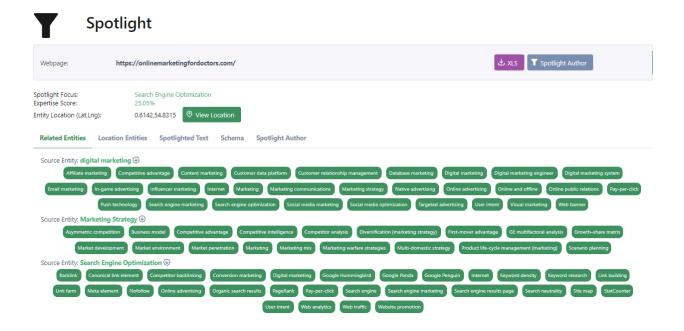
ຼອ= Spotlight Focus



Link Listing



The Spotlight algorithm can be found by clicking on the *View Spotlight* button next to the Top Spotlight Focus.



Here you can examine what the page's Related Entities / Topic Cluster is, and within each entity / topic, a list of expert entities is presented. Hover

over any entity to see how much the page has covered for that entity / topic.



The summary of all coverages is presented as the Expertise Score (Topical Authority aka Expertise aka one of the "E"s in E-E-A-T).

Click on the entities to enter the Knowledge Graph, where you can take the Abstract Snippet and add this content to your page to increase your Expertise Score. Make sure you are adding expert topics and not subject topics, as the subject topic will make the Related Entities / Topic Cluster more broad and often less focused.

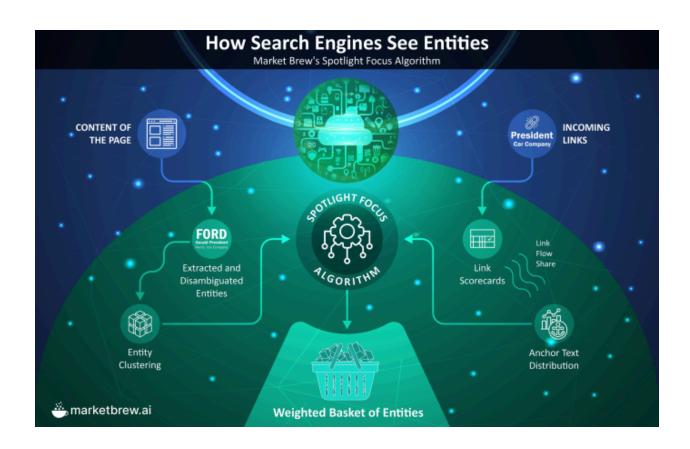


Knowledge Graph

Market Brew Named Entity: Digital marketing

Abstract Subject Topics Expert Topics

Digital marketing is the component of marketing that uses the Internet and online b services. Its development during the 1990s and 2000s changed the way brands and I and as people increasingly use digital devices instead of visiting physical shops, digit (SEM), content marketing, influencer marketing, content automation, campaign marl advertising, e–books, and optical disks and games have become commonplace. Digital and on-hold mobile ring tones. The extension to non-Internet channels differentiate





Market Brew Named Entity:

Digital media

Return on investment

Digital privacy

Knowledge Graph

Abstract **Subject Topics Expert Topics** AT&T Affiliate marketing Archie (search engine) Blog Brand awareness Competitive a Customer relationship management Customer experience Data Database marketing

Distributed presence

Search engine marketing

Marketing Interactive marketing Internet LinkedIn List broker Marketing automation Multimedia Messaging Service Native advertising Online advertising Online and offline

E-commerce

Search engine optimization

Desk

Digital marketing

Technology Twitter User-generated content User experience Targeted advertising

Testing Changes With Your Ranking Blueprint

One of the huge advantages of using a search engine model to discover optimizations is that each implemented change can be quickly tested to see how the model reacts.

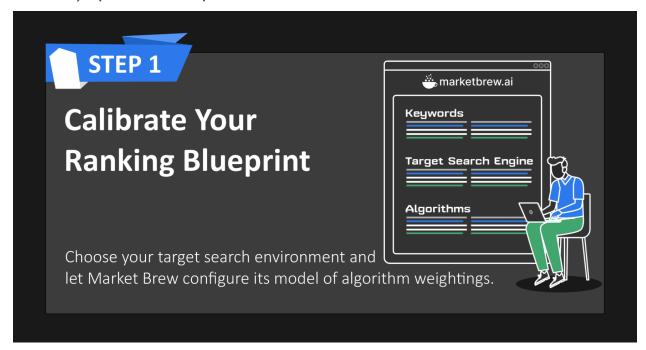
Because of this new predictive model approach, you can now test quicker than ever before.

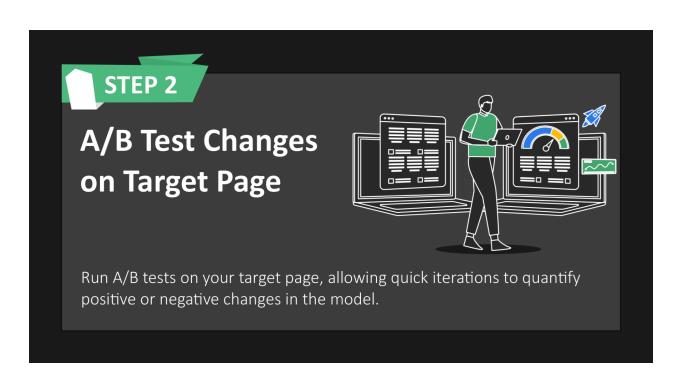
But you must put this to good use: **transition your thinking to a more agile approach**: "iterate, test, iterate, test".

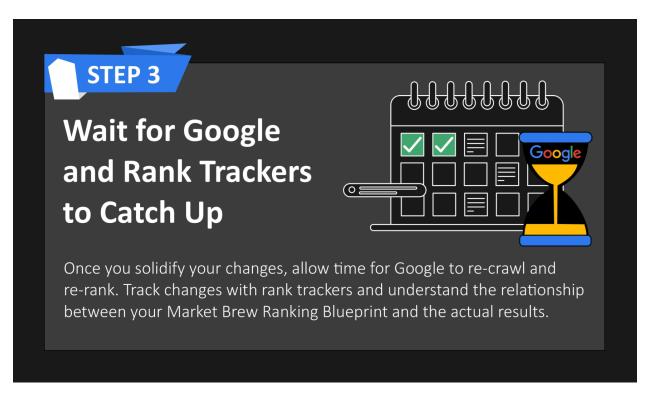
Making a narrow set of related changes and then re-crawling helps you isolate changes and test the potential positive/negative effects of those changes.

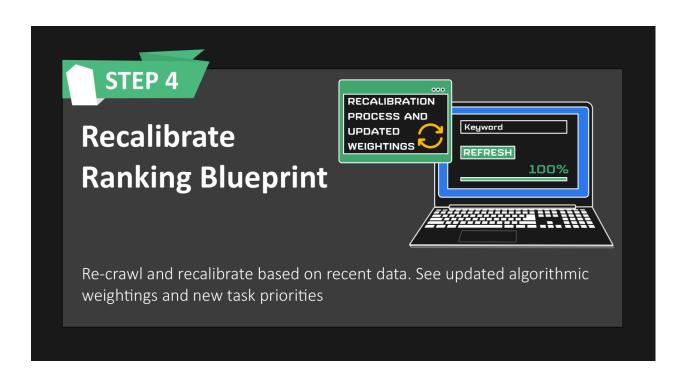
Note: all Ranking Blueprints in your Account, that contain the Website being re-crawled, will automatically be re-calculated (and auto self-calibrated if

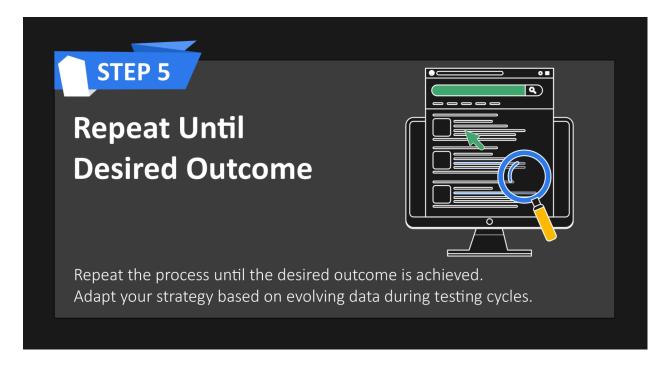
enabled) upon the completion of the Website Re-Crawl.











A/B Testing Using A Test Site

Note that only Market Brew Accounts that can add or remove Websites from a Ranking Blueprint can perform certain operations outlined below. If the account does not have the capability to do these operations, please contact the designated Support Account for a one-time setup assistance.

Setting Up The Test Models

After successfully <u>setting up your baseline Ranking Blueprint</u>, or the "Production Model", the next step is to create test models. A test model will be set up for each proposed variation of the changes to the production site.

Market Brew separates unique sites by subdomain, so each test variation should be deployed on its own unique subdomain, for example:

- 1. **test1**.mydomain.com,
- 2. **test2**.mydomain.com,
- 3. **test3**.mydomain.com...and so on.

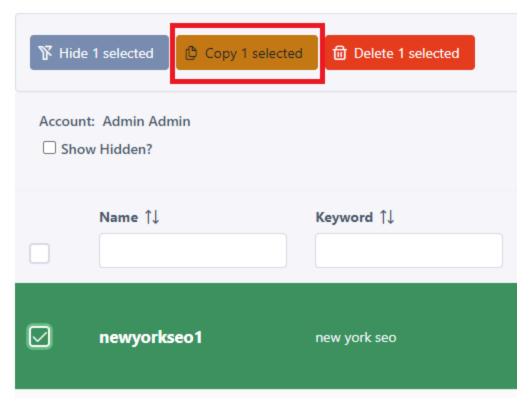
Each of these variations will have their own Ranking Blueprint.

1. Copy The Production Model Settings

Each Ranking Blueprint should have the SAME SETTINGS as the production Ranking Blueprint (this is done by copying the Ranking Blueprint from the production version) — to simulate the exact same model against all variations of the test group.



Ranking Blueprints



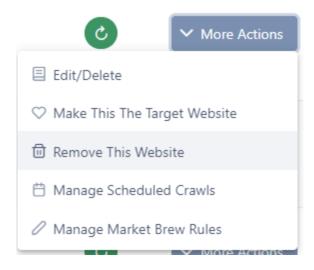
On the Ranking Blueprint Listing screen, copy the production Ranking Blueprint by clicking "COPY" and selecting the appropriate row.

2. Replace Production Site With Test Site

Next, replace the production website with the test sites for each Ranking Blueprint.

To Replace the Production Site:

- 1. Navigate to the Ranking Blueprint
- 2. On the Ranking Blueprint screen, next to the production site, click the More Actions dropdown
- 3. Select Remove This Website:



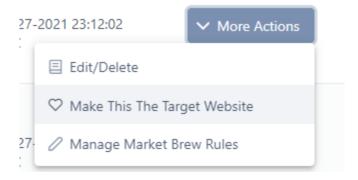
Next, add the test site's landing page (test1/landingpage.html, test2/landingpage.html, test3/landingpage.html, et al.) for the Ranking Blueprint:



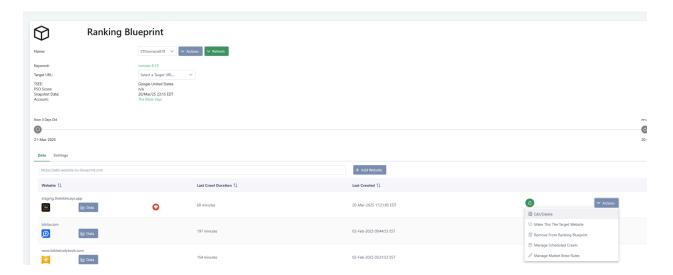
Note that the system will use the exact landing page URL that you add, so make sure you choose the correct landing page. This will be important in the next step when we add the target page to the Ranking Blueprint.

3. Make Test Site the Target Website

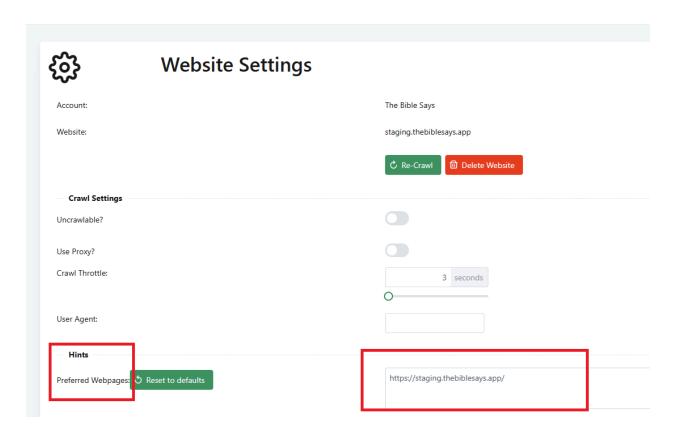
Once the test website has been added to the Ranking Blueprint (this may take a while if the system needs to re-crawl the site), you need to make it the default target website, so all Ranking Blueprint tasks are generated from this site's context.



Once you have removed the production site / added the testing site on the copy of the Ranking Blueprint, we now must select the correct landing page. To do this, we first select edit / delete on the testing site:



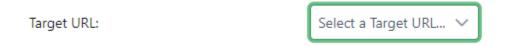
Then, on this edit settings screen, we need to add the preferred page (these are one per line):



You will need to consult the original Ranking Blueprint to understand which page should be referenced. It may be the same URL just with a different server host, or it may be a different URL altogether. We currently don't have an automated way of doing this.

Once you've added your Preferred Page, save your changes.

Then navigate to the Ranking Blueprint where you will select this preferred page as the "Target URL"



The system does not know which landing page is the correct landing page, since it relies on rankings to determine this normally. Your test site will not be listed in the rankings, so this is a required manual step.

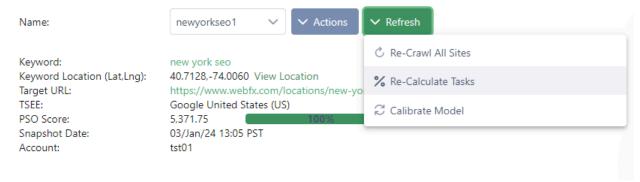
It is possible that after selecting the target URL, an error message occurs: "Target URL not crawled yet. Please initiate a re-crawl to crawl this URL first."

4. Re-Calculate the Ranking Blueprint

Once the target URL has been established, select "re-calculate tasks" under the "refresh" button of the Ranking Blueprint screen, so that new tasks are generated. Note: you may be prompted to re-crawl the testing site first, which will automatically re-calculate tasks at the end of the re-crawl.



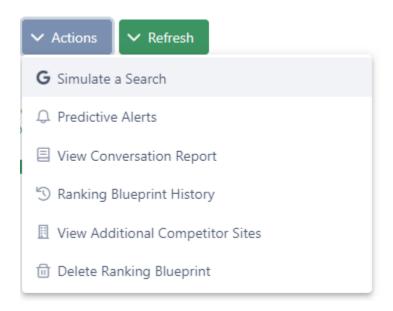
Ranking Blueprint



How to Compare Optimizations and Predict Rankings Changes

The goal of each test Ranking Blueprint is to compare Market Brew's proposed changes to that of the production Ranking Blueprint results. There are a number of ways to do this inside of Market Brew:

1. **Combined Search Listing Screen** – by clicking on the "Actions" dropdown on any Ranking Blueprint screen, you can select "Simulate a Search", which will give you a chance to see the rankings distances / query scores for each result in the model.



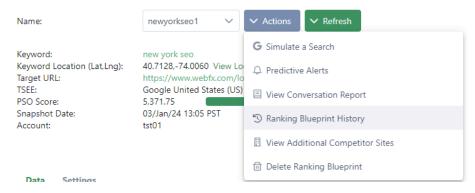


- The <u>Website History Report</u> will provide every input and output of the search engine model to compare any KPI between the test and production sites.
- 3. **The Rankings Reports** On the Ranking Blueprint screen, under the "More" dropdown, click *Ranking Blueprint History*. Each row will contain a snapshot. Download the rankings reports there.

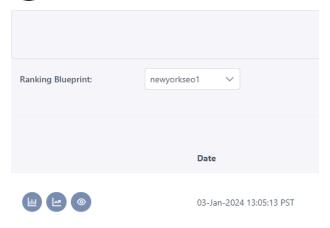
These reports will provide query sub-scores as compared to the existing competition in the production-calibrated search engine model.



Ranking Blueprint



Snapshot History



Note: the backlink structure of the test sites will NOT be present in the model, so comparing the overall query score, as well as domain ranks, will not be accurate. But all other scoring, including all semantic algorithms as well as the Net Total Link Flow metric (which incorporates all internal link scoring and distribution, as well as algorithmic SPAM filters) will be available for comparison.

For example, wondering how much more Link Flow Distribution the Home Page is getting now with the newly proposed linking architecture from the Link Flow Finder? Or if the semantic algorithm scores are better or worse with the newly proposed content and recommendations from Market Brew? This will reveal the answer.

Market Brew Rules

Using the Rules Wizard

Market Brew has the ability to "set it and forget it" using a rules-based engine.

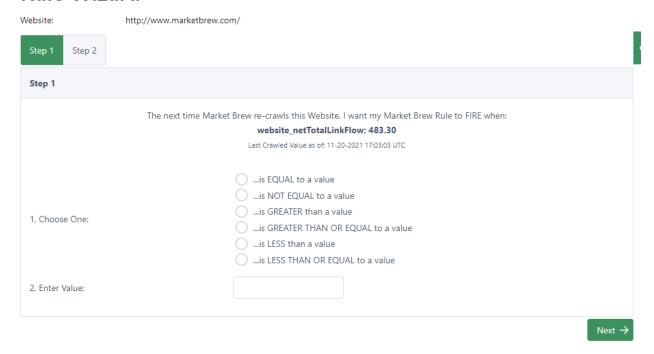
Whenever a Website is re-crawled, each Market Brew Rule that was defined for that Website is evaluated. If the rule condition is TRUE, then an email alert is sent instantly.

Market Brew makes it very easy to create rules automatically. Click on any pencil icon next to an item to create a rule with:



Then, simply follow Market Brew Rules Wizard. Select the condition, (optionally) enter a value, name the rule, and done! Market Brew Rules are fired off only after a Website has been re-crawled.

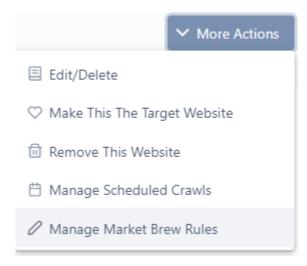
Rule Wizard



The rule is customizable after being saved.

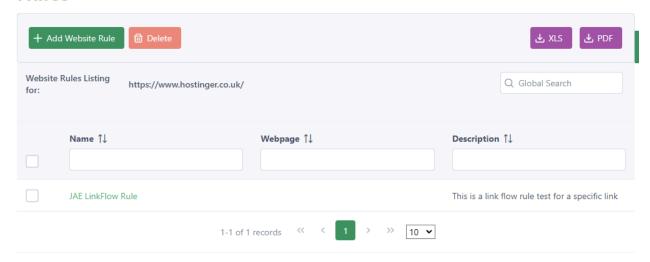
Manage Market Brew Rules

On the Ranking Blueprint screen, under the Data tab, click on the *More Actions dropdown*, located on the right-hand side of any Website, and select *Manage Market Brew Rules*.



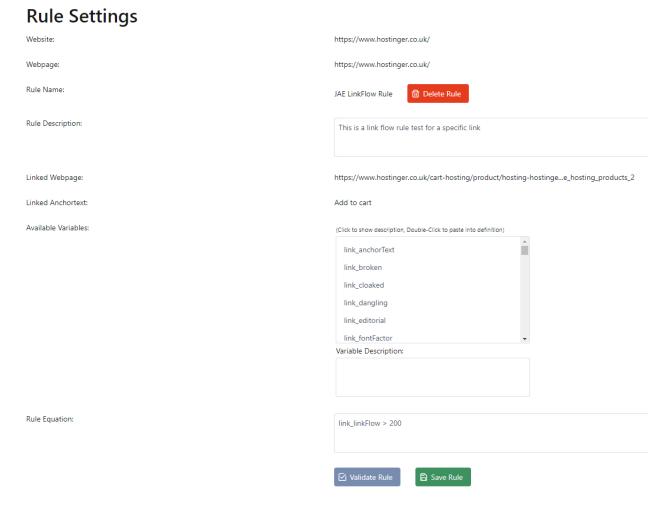
The list displays the Market Brew Rules for each Webpage and also shows rules created for the Website as a whole.

Rules



From here drill-down into each Webpage's rules, and manage the Scheduled Crawls directly from this view.

Click on any Market Brew Rule to enter the Edit Rule screen. In this screen, modify, delete or test different changes to the rule to see if it would fire or not.



Market Brew Rule Operators

The following standard operators can be used in a Market Brew Rule. Note, all Text should be enclosed with double quotes ("").



Power	۸		
Boolean Not	!	②	
Boolean And	&&	©	
Boolean Or	II	©	
Less or Equal, More or Equal	<=, >=	②	
Less Than, Greater Than	<,>	②	
Not Equal, Equal	!=, ==		©
Assignment	=	()	
Unary Plus, Unary Minus	+x, -x	©	
Dot product, cross product	., ^^		
Modulus	%	©	
Division	/	©	
Multiplication	*	©	
Addition, Subtraction	+,-	©	(only +)

Example Market Brew Rules

Below are some simple examples of what you can do with Market Brew Rules. Using any of the operators above, you can combine any piece of data for a Website, and come up with a new and customized alert system. The combinations are endless — only your imagination holds you back.

Check to see whether or not a Website has any Broken Links:

```
numBrokenLinks > 0
```

 Check to see whether or not a specific Webpage has issues loading on the Web Server. You may be having issues with your Hosting Provider and want to know if the Webpage load times are sufficient enough for your user experience / SLA:

```
retrieveTimeMillis > 5000
```

 Check to see whether or not a Webpage's Market Focus is no longer "search engine optimization". This would let you know when an edit on a Webpage accidently changes your Market Focus, thus causing your target keywords to drop in ranking:

```
marketFocus != "search engine optimization"
```

 Check to see whether or not a Link's net Link Flow Share drops below a threshold. You might want to know when a Link that you have on another Website is of no longer use:

```
(netLinkFlowPercent/100) * linkFlow < 25.75
```

Reporting

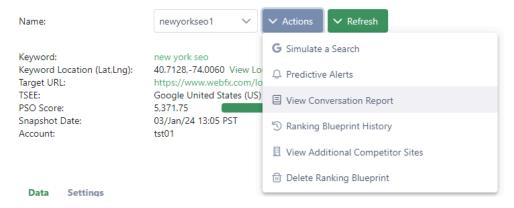
Market Brew maintains a historical "tick chart" view of every "snapshot" of a Ranking Blueprint. It therefore represents a powerful tool to regression test, debug changes, and predict future behavior on a target search engine environment (TSEE).

Market Brew Conversation

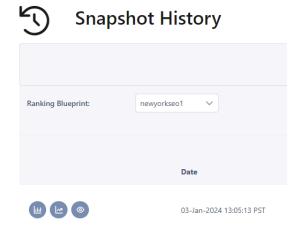
These fully-automated, deep dive analysis reports can be viewed on each calibrated Ranking Blueprint by clicking on *View Conversation* under the More dropdown:



Ranking Blueprint



Or by viewing the Snapshot History screen:



Individual Conversations Are Also Available On the <u>Top Optimization</u> <u>Screen</u> for each website.

What Is In A Market Brew Conversation?

Market Brew Conversations contain the following information:

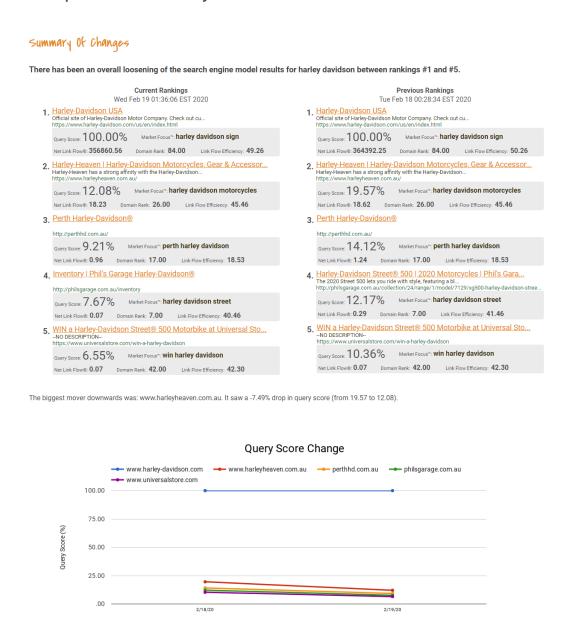
1. **Summary of Model**: An overview of what the search engine model currently represents.

Summary Of This Search Engine Model

The search engine model is currently <u>auto self-calibrated</u> to the target search engine environment (TSEE): **Google (AU)**. The following sites are represented in this model:

- www.harley-davidson.com Currently ranks #1 in the model, #1 on the TSEE.
- www.harleyheaven.com.au Currently ranks #2 in the model, #2 on the TSEE.
- perthhd.com.au Currently ranks #3 in the model, #4 on the TSEE.
- philsgarage.com.au Currently ranks #4 in the model, #25 on the TSEE.
- www.universalstore.com Currently ranks #5 in the model, #14 on the TSEE.

 Summary of Changes: search result listings are compared between two snapshots. This includes both a textual and graphical query score gap comparison and analysis, as well as a boost factor comparison and analysis.



3. **Ranking Distance Trend Analysis**: trends in query score gap, net total link flow gap, domain rank gap, semantic score gap, and many sub-score gaps, are analyzed and then reasons are presented. This

portion is also available via email notifications. Refer to "How Do I Get Email Notifications?"

Ranking Distance Trend Analysis

↑ www.harleyheaven.com.au

https://www.harleyheaven.com.au/ has gained some ground on the #1 ranking position (held by https://www.harley-davidson.com/us/en/index.html).

This is primarily due to its:

- 1. Market Focus Score (increased by 24.15),
- 2. META Title Score (increased by 41.66), and
- 3. META Description Score (increased by 0.94).

4. **Current Analysis**: every website's deep dive in one. Each site is analyzed to determine the biggest statistical gaps between it and the "outperformer" in the group. *Note: the outperformer is not necessarily the overall #1 ranking site. It is the webpage that scores the highest for the Boost Factor.* Each deep dive includes an analysis of every area of the SEO spectrum: off-page, on-page, and everything in between. Insightful graphical presentations illustrate exactly why the outperformer is doing so well in comparison to the target site.

#2. www.harleyheaven.com.au

Position Report

Ranking Position #2 in the model continues to be occupied by www.harleyheaven.com.au (the actual landing page: https://www.harleyheaven.com.au/).

Outperforming In ...

Unfortunately, there are NO areas in which this site is currently outperforming in the model.

Where They Should Focus...

The simulation revealed that this page can improve in ranking for the query "harley davidson" by focusing 21.00% on the **Semantic Score**, 66.00% on the **Link Flow Boost**, and 13.00% on the **Domain Ranking Boost**.



5. Biggest Weaknesses: each site is compared to the outperformer in the group, and the biggest weaknesses are investigated one by one. The system drills down into each area, illustrating why the site is underperforming and offers actionable optimizations to implement to close the gap on the outperformer in the group.

Details on Biggest Weaknesses...

The biggest weakness is its Link Flow Score, off 39,123.74 from the outperformer (https://www.harley-davidson.com/us/en/index.html has a Link Flow Score of 53,775.56).

The Link Flow Score is based on the Net Total Link Flow value for each page.

Net Link Flow can be improved in these three ways:

- 1. Improve Gross Total Link Flow via internal linking,
- 2. Improve Gross Total Link Flow via external linking, and
- 3. Improve the efficiency of Gross Total Link Flow, thus resulting in a higher Net Total Link Flow (through eliminating the modeled algorithmic SPAM penalties).

To improve via the internal linking, let's look at this site's Link Flow Distribution. This will let you know where the ranking power goes once it arrives to the site (in the form of external backlinks):



Using Trend Analysis To Detect Important Changes:

Market Brew provides modeling features that track and characterize each algorithmic update.

View Boost Factor Trends When The TSEE Changes Algorithm Settings

The Boost Factors, which are the bias/weight settings on each main part of the search engine model, are often updated by the TSEE. Market Brew will detect this, and if any Boost Factors were re-calibrated, check and see exactly what settings changed between the current and previous snapshot:

Boost Factors Changed ...

The bias/weight settings (called "Boost Factors") of this search engine model have changed in model was the META Title (it saw an increase of 225.00% in weighting), followed by the URL Paran increase of 100% in weighting), URL Host (it saw an increase of 16.00% in weighting), and find The biggest factor decrease in the model was the HTML (it saw a decrease of -57.00% in weighting).

Let's talk about each Boost Factor briefly. First, all of these values are **weighted multipliers** aga Description Boost Factor that is higher than a META Title Boost Factor does not mean it is mor Description setting is being boosted from its standard setting more than the META Title.

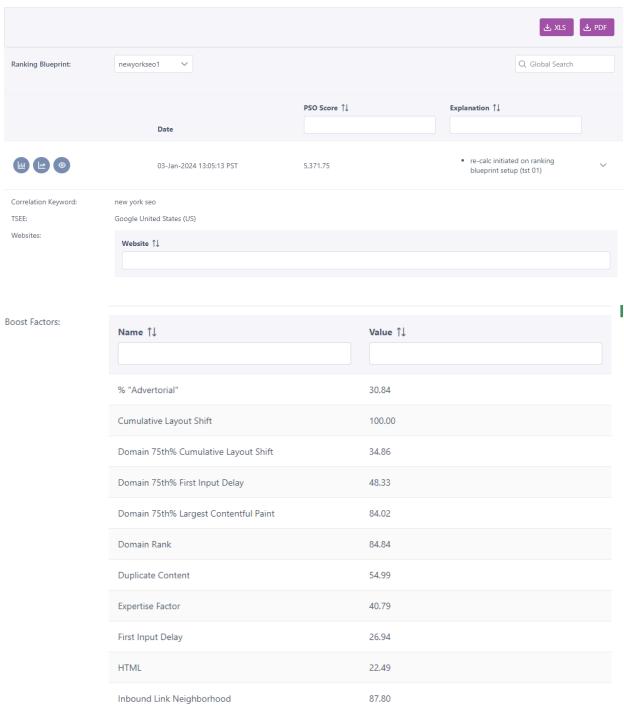
META Title Boost Factor

The Market Brew search engine model uses the power of the Lucene Query Parser, under the A rendering) using its scoring methology. During the most recent calibration, the influence of this search engine's neural network (that is adjusting itself to match the feedback from both their spart of the search engine model more important. Any landing page that was doing well with the

View Boost Factors For Any Previous Snapshot

The Boost Factors can also be viewed by clicking on the dropdown arrow on the Snapshot History screen:

Snapshot History



Use Case Example: Ticketmaster Discovers a New Bias

- 1. The SEO team at Ticketmaster has been modeling "boxing tickets" in an important Ranking Blueprint. This model has been stable for quite a while. Last evening, something changed on the target search engine's results. Ticketmaster's site dropped in ranking, but Market Brew's models do not yet reflect this.
- 2. They quickly re-calibrate their Ranking Blueprints.
- 3. The Market Brew Ranking Blueprint is recalibrated and the Boost Factors are recorded.
- 4. The SEO team at Ticketmaster quickly reviews the Boost Factors from before, and sees that the target search engine has updated its bias/weights. There is more Boost Factor on META Title and the Market Focus (semantic) algorithm, and less Boost Factor on Domain Rank.
- 5. They immediately compare the Market Brew modeled semantic algorithms between their landing page and the outperformer in that model. They remove any existing statistical gap in scores, and verify with a re-crawl in Market Brew to confirm the jump in score and regaining of rank.

Use Case Example: Ticketmaster Discovers a Bias Trend

- The SEO team at Ticketmaster discovers a similar change in Boost Factors on a number of other similar Ranking Blueprints that they have setup in Market Brew: there is more Boost Factor on META Title and the Market Focus (semantic) algorithm, and less Boost Factor on Domain Rank.
- 2. They present these trends at their next quarterly meeting with the VPs. Budget is correctly redirected from building backlinks (promoting better Domain Rank) to better content writers (promoting better semantic algorithm scores).
- 3. The team has fixed not only one specific landing page, but all other landing pages that are related to this target search engine's algorithmic shift.

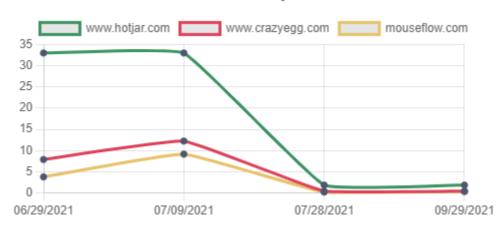
When Does a Market Brew Conversation Get Generated?

After Market Brew has completed crawling a Ranking Blueprint, the first Market Brew Conversation will be generated. This Conversation Report will not include any trend analysis as there are no historic snapshots to compare to.

After the initial crawl, Market Brew Conversations are re-generated for calibrated Ranking Blueprints, showing trend data.

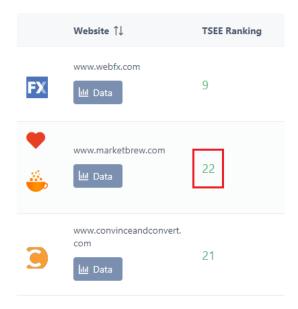
Reach Share Reports

Once a Ranking Blueprint has been calculated, each Website will receive a specific amount of reach estimate from the total possible reach estimate:



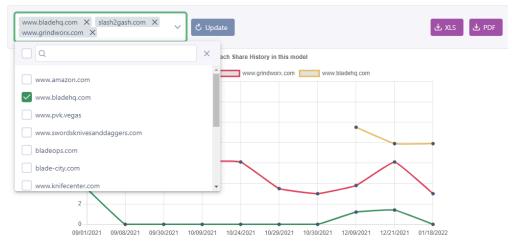
Reach Share History in SERP

Click on the TSEE ranking to reveal a tick chart of past Reach Shares for that website:



Add additional websites to compare:

Reach Share Rankings



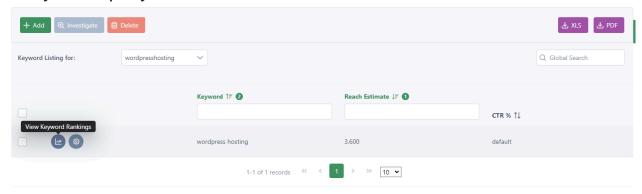
View the movement in rankings at a more granular level by clicking through to see the types of keywords that are being ranked.



Keyword Reports

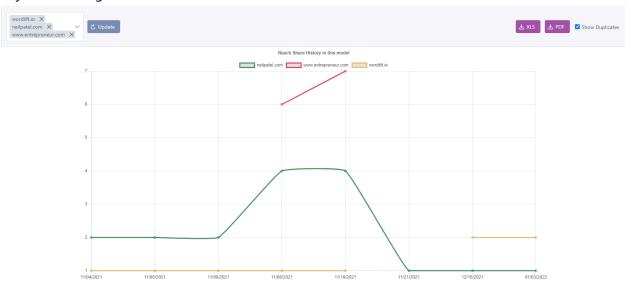
Market Brew also keeps historical data on the traffic-producing keywords to model the Ranking Blueprint with. On the Ranking Blueprint Keywords screen, click on *View Keyword Rankings* to reveal the historical rankings:

Analysis Group Keywords



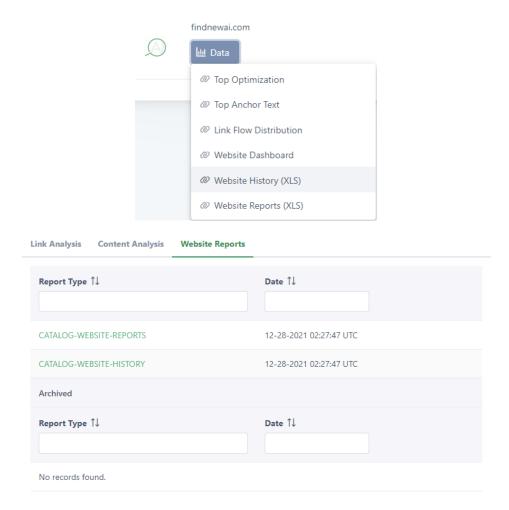
A tick chart for all websites is included within the Ranking Blueprint:

Keyword Rankings



Website History Reports

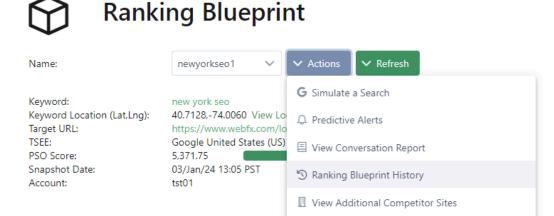
On the Website Dashboard and under the Website's Data dropdown on each Ranking Blueprint screen, the ability to download every input and output data point that the Market Brew system has ever recorded is available.



The CATALOG-WEBSITE-HISTORY report contains both website and webpage metrics that help identify any issue noticed by the search engine model.

Ranking Reports

In the Ranking Blueprint screen, under Actions dropdown, click *Ranking Blueprint History*:



Click the Rankings Report button to view the rankings data:

Cottinge



Delete Ranking Blueprint

The (Duplicates) Rankings are not filtered. That is, they can contain many pages per website in each modeled search result.

(Note: only one snapshot per 24 hour period is stored in Market Brew. Therefore, if you'd like to compare snapshots in the same 24 hour period, you should download these before you initiate any new re-crawls or re-calculations of the Ranking Blueprint.)

Core Web Vitals

Market Brew is releasing <u>Core Web Vitals</u> as additional ranking signals to track and is anticipating these may become boost factors, once <u>Google is actively using these for ranking signals</u>.

These values are captured by Market Brew's JavaScript parsing engine, using Google's own CrUX API, and will show up on all Webpage Scoresheets and Website Dashboards under Content Analysis / Content Overview tab (when available). Create a Market Brew Rule in the rules engine to trigger whenever these values are out of spec.

Google's primary set of Web Vitals (Core Web Vitals) focuses on three aspects of the user experience—loading, interactivity, and visual stability—and includes the following metrics (and their respective thresholds):

Link Analysis Content Analysis Website	Reports	
Content Overview Classification Robo	ts.txt	
Link Flow Efficiency:	72.00% (C)	
No. of HTML Webpages:	503	0
Avg. Response Time of Webpages:	511 ms	0
Largest Contentful Paint:	1,603.65 ms	0
First Input Delay:	3.40 ms	0
Interaction To Next Paint:	67.80 ms	0
Cumulative Layout Shift:	0.04	0

 <u>Largest Contentful Paint (LCP)</u>: measures loading performance. To provide a good user experience, LCP should occur within 2.5 seconds of when the page first starts loading.



A good LCP value is 2.5 seconds or less.

Interaction To Next Paint (INP): INP assesses responsiveness. INP observes the latency of all click, tap, and keyboard interactions with a page throughout its lifespan, and reports the longest duration, ignoring outliers. A low INP means the page is consistently able to respond quickly to the vast majority of user interactions.



Good INP values are 200 ms or less. Poor values are greater than 500 ms.

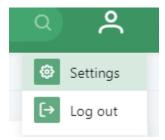
• <u>Cumulative Layout Shift (CLS)</u>: measures visual stability. To provide a good user experience, pages should maintain a CLS of less than 0.1.



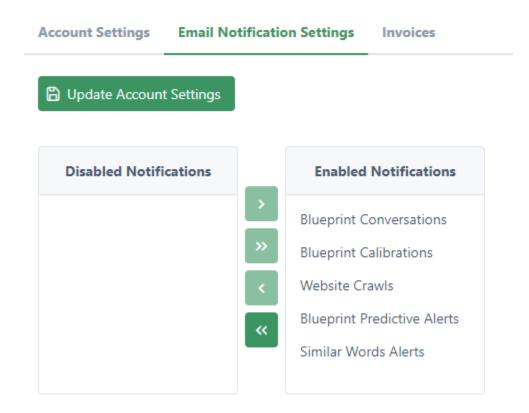
Good CLS values are 0.1 or less. Poor values are greater than 0.25.

Email Notifications

To manage email notifications for an account, click Edit Settings:



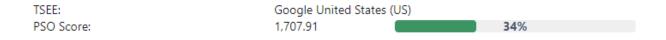
Navigate to the *Email Notifications Settings* tab:



Troubleshooting

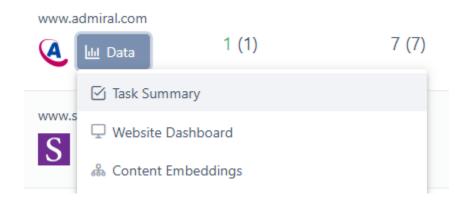
The Ranking Blueprint has a low PSO score / didn't setup correctly

On the Ranking Blueprint Listing and Mission Plan screens, you'll find the Particle Swarm Optimization (PSO) Score. PSO scores generally should be in the 1,000+ range for good calibration, and they indicate the closeness of the model results vs. that of the Target Search Engine Environment (TSEE) results.

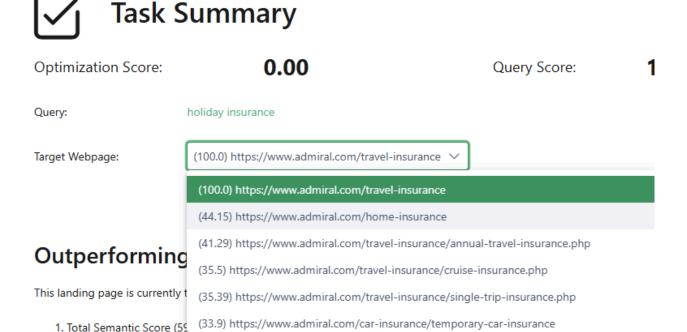


Ranking Blueprints that are below this indicate that there are issues with either the ordering of the sites in the model, or the model may have chosen an alternative top page from the site. (Note: Ranking Blueprints that fail a minimum threshold will automatically be terminated and a credit will be issued to the user for any crawls / credits encountered).

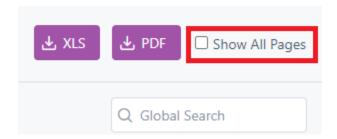
There are a few things you can still do with Ranking Blueprints that are partially calibrated to still get good guidance for your target page. First, select the Task Summary screen under your target site.



On the Task Summary, select your target page that you'd like to generate guidance for. This would be a great solution for Ranking Blueprints that have the subdomains in the right order, but the target page was not the one in the TSEE.



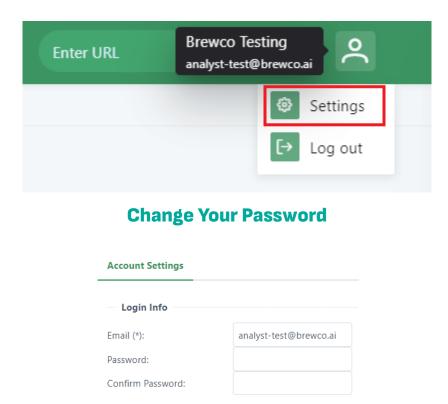
The same workaround is found on the Task Listing screen by clicking the "Show All Pages" checkbox at the top right.



This will display all of the tasks generated for any URLs that were within the top 500 results in the unfiltered (multiple pages per site) results.

Crew Settings

Navigate to the Account Settings screen by clicking the profile icon on the top right of the screen, and click on the Settings button.



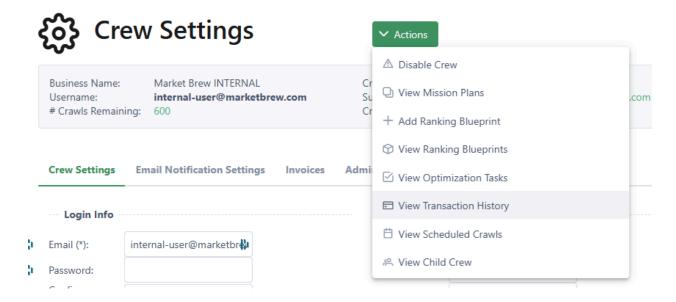
To change your password:

- 1. Navigate to Account Settings by clicking the cog icon
- 2. Under Login Info, enter a new password in the Password Tab
- 3. Enter the password again in the Confirm Password Tab, to confirm the password

View Transactions

To view your Transaction History in the Customer Settings screen:

- 1. Click on the Actions dropdown.
- 2. Click View Transaction History:

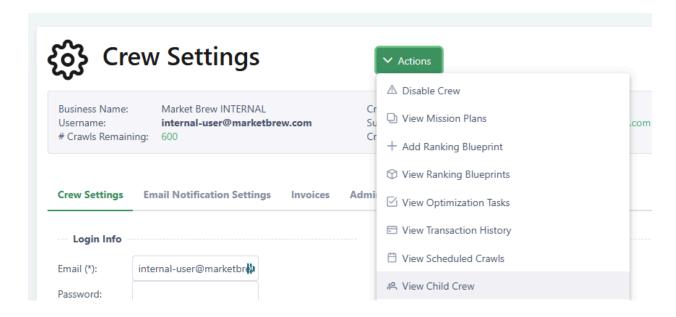


On this screen, select and view the various transactions that have occurred.

View and Manage your Child Crew Information

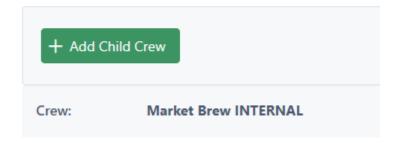
View Child Crew

Within a Parent account, access Child Crew Information by using the Actions dropdown; click *View Child Crew*.



Create A Child Crew





To Create a Child Crew:

1. Click on the View Child Crew screen

- 2. Click Add Child Crew button.
- 3. Register the account by adding the desired person's First and Last name, email address, and selecting the Ranking Blueprints the Child Crew account will have access to.

Disabling a Crew

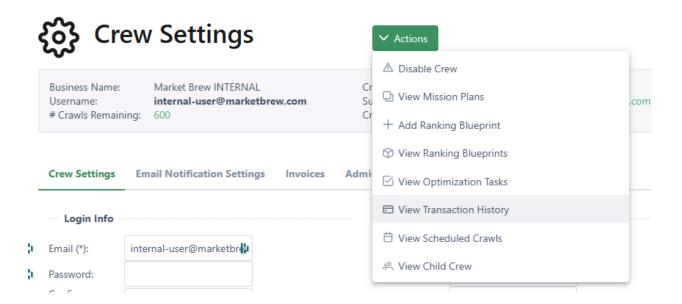


To Disable a Child Account:

- 1. Navigate to the Child Accounts screen
- 2. Click on a Crew.
- 3. Click on the Actions dropdown.
- 4. Click on Disable Crew.

Once that Crew is disabled, it will no longer be able to login.

View Crew Transactions



To view transactions by Crew:

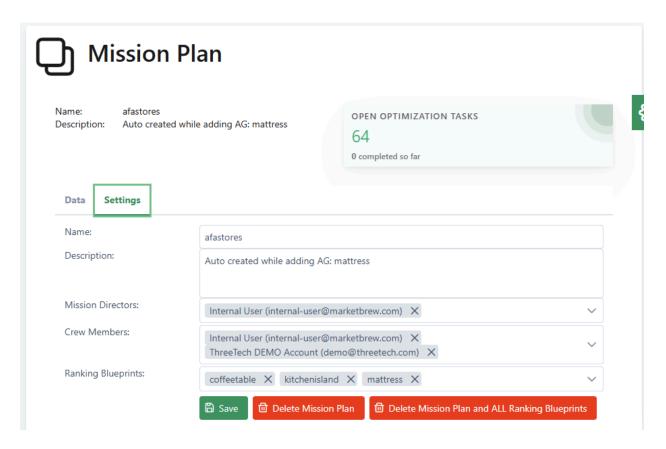
- 1. Navigate to the Crew Settings screen.
- 2. Click the Actions dropdown
- 3. Click on View Transaction History.

Authorizing a Crew

Child Crew are authorized to view data via the Mission Plans.

- 1. Navigate to the desired Mission Plan.
- 2. Click on the Settings Tab.
- 3. Add / Remove Crew to Crew Members dropdown.

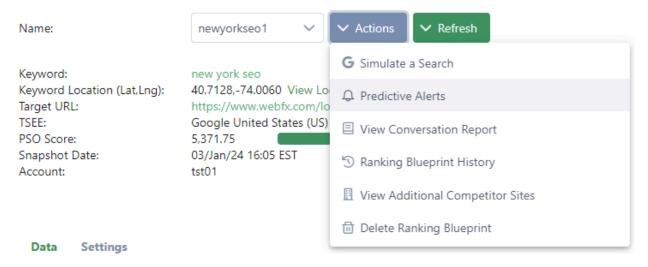
Mission Directors can edit the settings, Crew Members can only view the Mission Plan and its Ranking Blueprints.



Manage Child Crew Email Notifications



Ranking Blueprint



To manage the Email notifications of a Child Crew:

- 1. Navigate to the selected Ranking Blueprint screen
- 2. Click the Alert History dropdown.
- 3. Select Alert History
- 4. Select which Crew will receive email alerts

Alert History

