

Why GEO Matters More Than SEO: Shaping What AI Says About You

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Abstract

For more than two decades, digital marketing has revolved around search engines, primarily Google (plus an extra 10% on Bing). Brands competed for rankings on Google, invested in SEO playbooks, and built inbound marketing machines. This worked for around 20 years, but now the terrain is shifting. Increasingly, customers don't just "search" – they ask AI. Tools like ChatGPT, Perplexity, Microsoft Copilot, and Google's AI Overviews are rewriting the journey from brand awareness and search to consideration.

But this raises a critical question: if this is true, then what does AI say about your brand? What impact does it have on your marketing?

Unlike search engines, which display lists of links, generative engines produce *answers*. If your brand is absent from those answers, you are invisible – even if your site is technically well-optimised for search. Visibility in the AI era requires new strategies, grounded in marketing practice, and also cognitive science.

That's where Generative Engine Optimization (GEO) comes in: the discipline of ensuring your brand is embedded in the *priors* that AI systems draw on when producing content. Alongside GEO, there is Answer Engine Optimization (AEO) which can provide more near-term tactics helping you appear in AI-generated answers today.

This article draws on my background in mathematics, psychology, and early machine learning, together with a decade leading marketing teams in B2B SaaS, to explore the theory and practice of GEO and AEO – and why they matter for the next era of marketing.

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1 Introduction - From Psychology to AI: How Decisions Are Made

Marketers often forget that human decision-making is not purely rational. People don't start from a blank slate when choosing between brands – they begin with *prior credences*²: mental shortcuts, schemas, and brand associations.

As a simple example, when buying a mobile phone, most people have a reference before they even start looking. Some prefer Apple, others prefer Android. These preferences or *biases* are often built up over many years, such that when someone starts looking for a new phone, their search will be heavily weighted towards one direction or the other. The search will then encounter *evidence*, perhaps through web searches going into a shop, chatting to friends. Finally, a decision needs to be made based on combining these two factors.

Psychologists call this process schema-based decision-making^{3,4}. Everyone arrives at a buying decision with a pre-existing set of beliefs.

New evidence – reviews, product pages, recommendations – gets filtered through these priors (or at least “combined with”). The process is mathematically described by Bayesian updating – starting from a *prior* belief and updating it with new evidence to form a *posterior* belief (the decision).

“Rational decision making under uncertainty requires forming beliefs that integrate prior and new information through Bayes’ rule.”⁵

In consumer behaviour, Bayesian models describe how customers revise brand expectations as they encounter new information⁶.

2 AI Works the Same Way

Generative AI mirrors this process. Large language models (LLMs) have priors (training data, embeddings, parameters) and evidence (retrieved documents, prompts). When asked a question, the model integrates *both* to generate an answer – much like a human updating beliefs with new information.

That means marketers must now think in Bayesian terms not only about human buyers, but about AI engines as decision-makers:

$$\left(\begin{array}{c} \text{Credence in proposition } X \\ \text{given observation } D \end{array} \right) \propto \left(\begin{array}{c} \text{Likelihood of observation } D \\ \text{given proposition } X \end{array} \right) \times \left(\begin{array}{c} \text{Prior credence} \\ \text{in Proposition } X \end{array} \right)$$

In marketing and branding this can be interpreted simply as “The chance that I believe your product is the right one for me, is a combination what I *thought about your brand before I saw your advert* and the advert or message you are now showing me.”. We don't come to an advert cold.

I believe this is a way to think about “brand salience” (long-term, always on, slow build-up), building prior credences, and short-term “activation” advertising, trying to influence the customer into taking an action. Here there is a parallel with how modern web search works – time invested on building up your brand salience helps with your visibility in GEO for the long-term work, and work done in performance marketing helps with immediate visibility.

² Sean Carroll (2016). *The Big Picture: On the Origins of Life, Meaning, and the Universe Itself*. Dutton.

³ Halkias, G. (2015). Mental representation of brands: A schema-based approach to consumers' organization of market knowledge. *Journal of Product & Brand Management*, 24(5), 438-448. <https://doi.org/10.1108/JPBM-02-2015-0818> CBS Research Portal

⁴ Rogers, A. (2017). *Building consumer understanding by utilizing a Bayesian ...* [PMC article]. [PMC](https://pubmed.ncbi.nlm.nih.gov/31811111/)

⁵ Achtziger, A., Brüning, W., Vogel, B., Kalenscher, M., & Güntürkün, J. (2012). The neural basis of belief updating and rational decision making under uncertainty. *Frontiers in Neuroscience*, 6, 176. <https://academic.oup.com/scan/article/9/1/55/1673542>

⁶ Erdem, T., & Keane, M. P. (1996). Decision-making under uncertainty: Capturing dynamic brand choice processes in turbulent consumer goods markets. *Marketing Science*, 15(1), 1–20. <https://doi.org/10.1287/mksc.15.1.1>

3 The Decline of SEO in a Saturated Market

For much of the early 2000s, search engine optimisation (SEO) was regarded as a central mechanism for digital growth. The underlying model – producing targeted content, acquiring backlinks, and achieving favourable rankings in search engines – was both widely accessible and consistently effective.⁷ However, the viability of SEO as a primary strategy has diminished. Several structural dynamics explain this decline.

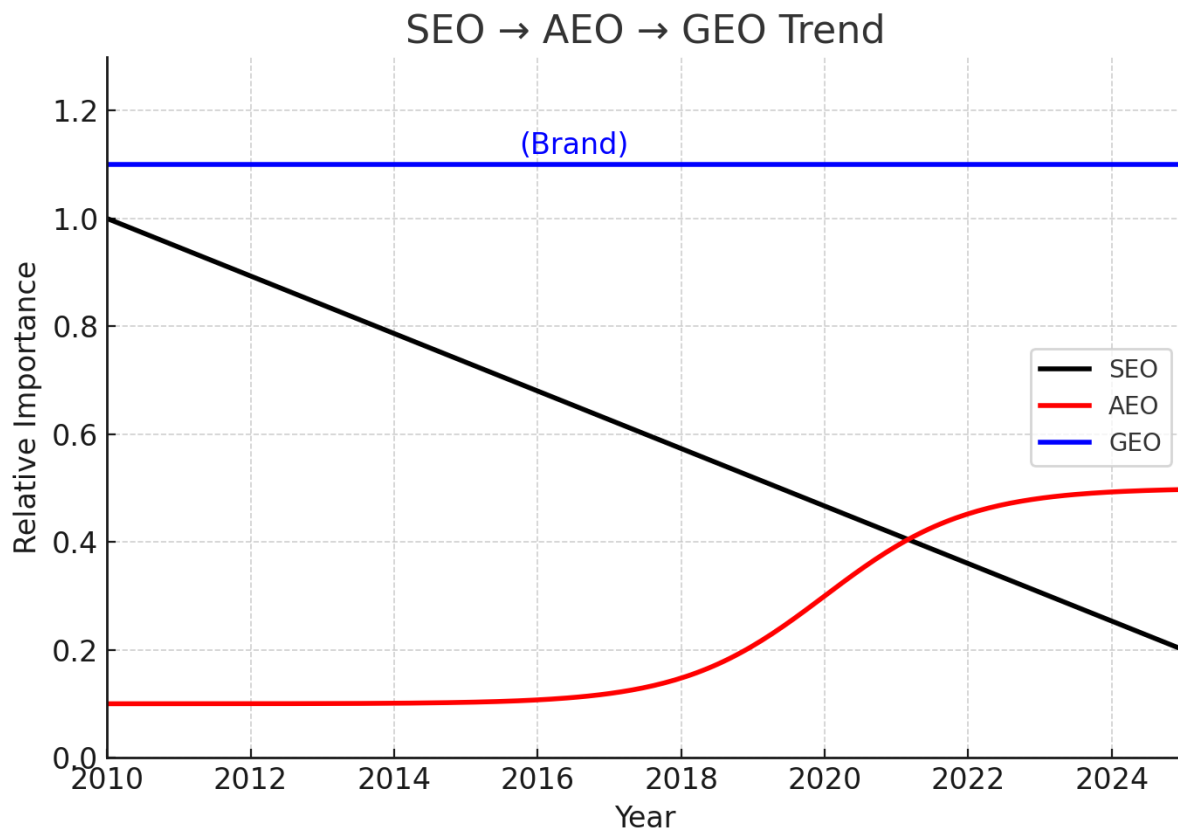


Figure 1 – Illustrative representation of the trends in LLMO importance

Artificial intelligence and the “zero-click” environment

Recent advances in artificial intelligence have altered patterns of information retrieval. Tools such as Google’s AI Overviews, ChatGPT, and Perplexity provide direct answers within the search interface, paraphrasing and summarising material without requiring users to visit the original source.⁸ This has led to what is often termed a “zero-click” environment, where impressions may increase but site referrals fall.⁹

Market saturation and barriers to entry

SEO is also constrained by the saturation of most major categories. Established domains with high authority continue to dominate rankings, while new entrants face high barriers to visibility. Achieving prominence typically

⁷ Harvard Business Review, *Forget What You Know About SEO: Optimize Your Brand for LLMs*, accessed September 26, 2025, <https://hbr.org/2025/06/forget-what-you-know-about-seo-heres-how-to-optimize-your-brand-for-llms>

⁸ Wall Street Journal, “AI Has Upended the Search Game,” accessed September 26, 2025, <https://www.wsj.com/>

⁹ Pew Research Center, “Google Users Are Less Likely to Click on Links When an AI Summary Appears in the Results,” July 22, 2025, <https://www.pewresearch.org/short-reads/2025/07/22/google-users-are-less-likely-to-click-on-links-when-an-ai-summary-appears-in-the-results/>

requires sustained investment in content and link-building over extended periods.¹⁰ Consequently, SEO now functions less as a growth engine and more as a defensive measure to maintain established positions.

Standardisation of practices

Another factor is the homogenisation of SEO techniques. The widespread adoption of common tools (e.g., Ahrefs, SEMrush) and agency playbooks has reduced opportunities for differentiation.¹¹ As the same data and methodologies are applied across organisations, SEO increasingly resembles a commodity practice rather than a source of competitive advantage.

AI intermediation of content

Finally, search engines and AI assistants are shifting from their role as intermediaries to becoming the primary site of information consumption. In this model, content is used to train and inform the systems themselves, but traffic is not necessarily redirected to the originating website.¹² This dynamic poses particular challenges for smaller organisations that lack the resources to sustain long-term visibility campaigns.

¹⁰ Bain & Company, *Goodbye Clicks, Hello AI: Zero-Click Search Redefines Marketing*, 2025, <https://www.bain.com/insights/goodbye-clicks-hello-ai-zero-click-search-redefines-marketing/>

¹¹ Search Engine Land, “Zero-Click Searches Rise, Organic Clicks Dip,” 2025, <https://searchengineland.com/zero-click-searches-up-organic-clicks-down-456660>

¹² Digital Content Next, “Facts: Google’s Push to AI Hurts Publisher Traffic,” August 14, 2025, <https://digitalcontentnext.org/blog/2025/08/14/facts-googles-push-to-ai-hurts-publisher-traffic/>

4 GEO vs. AEO: Two Paths to AI Visibility

In the emerging landscape of AI-mediated information retrieval, visibility is shaped not only by traditional search engine optimisation (SEO) but also by newer disciplines that reflect how artificial intelligence systems generate and present content.¹³ Three complementary approaches can be distinguished.

Search Engine Optimisation (SEO)

- Historically a rapid and effective mechanism for driving digital visibility.
- Now characterised by slower returns, market saturation, and heavy intermediation by search and AI systems.
- Remains necessary for baseline presence, but is no longer sufficient on its own.

Answer Engine Optimisation (AEO)

Analogy: performance marketing

- **Nature:** Tactical, immediate, and measurable.
- **Goal:** Secure inclusion in AI-generated answers in the short term.
- **Methods:** Implementing FAQs, schema markup, structured product/service comparisons, and monitoring outputs from AI-driven answer engines.¹⁴

Generative Engine Optimisation (GEO)

Analogy: brand advertising

- **Nature:** Long-term, cumulative, and difficult to measure directly.
- **Goal:** Influence the priors within AI systems so that a brand is incorporated into their generated responses.
- **Methods:** Producing structured content, applying metadata consistently, developing recognised thought leadership, employing embedding strategies, and maintaining visibility across trusted sources.¹⁵

¹³ Andreessen Horowitz (a16z), *How GEO Rewrites the Future*, accessed September 26, 2025, <https://a16z.com/geo-over-seo/>

¹⁴ TechRadar, “Wix Launches AI Visibility Tools for GEO,” accessed September 26, 2025, <https://www.techradar.com/>.

¹⁵ Gao, Xin, et al., “Generative Engine Optimization (GEO),” *Wikipedia*, last modified September 26, 2025, https://en.wikipedia.org/wiki/Artificial_intelligence_optimization; Jürgen Schmidhuber, “Deep Learning in Neural Networks: An Overview,” *Neural Networks* 61 (2014): 85–117, <https://arxiv.org/abs/1404.7828>.

5 AEO as Entry Point, GEO as Differentiator

For most organisations, **Answer Engine Optimisation (AEO)** represents the initial point of engagement with AI visibility. It is testable, tactical, and accessible, providing measurable short-term outcomes. By contrast, **Generative Engine Optimisation (GEO)** is the domain in which long-term differentiation occurs.¹⁶ Three characteristics define GEO:

- **Complexity:** Effective GEO requires an understanding of embeddings, training data, and AI salience. This necessitates an interdisciplinary skillset that spans both technical and strategic domains.¹⁷
- **Rarity:** Few agencies or practitioners currently possess the expertise to influence large language models (LLMs).¹⁸
- **Durability:** Once a brand or concept is incorporated into the priors of an AI system, it tends to persist, creating a form of “stickiness” that endures over time.¹⁹

In this respect, GEO can be regarded as the frontier strategy, particularly relevant for thought leaders, challenger firms, and consultancies seeking to establish influence in emerging AI-mediated environments.

A comprehensive understanding of GEO also requires familiarity with the theoretical underpinnings of decision-making. Concepts from marketing²⁰, Bayesian models²¹, schema theory²², and machine learning²³, provide the analytical tools necessary to interpret how cognitive and probabilistic processes shape both human and AI judgments about product or brand choice.

¹⁶ Harvard Business Review, *Forget What You Know About SEO: Optimize Your Brand for LLMs*, accessed September 26, 2025, <https://hbr.org/>

¹⁷ Schmidhuber, “Deep Learning in Neural Networks,” 85–117; Amir Salehpour, “Deep Learning Applications in Marketing,” *SSRN Electronic Journal*, 2025, <https://www.ssrn.com/>

¹⁸ Andreessen Horowitz (a16z), *How GEO Rewrites the Future*. <https://a16z.com/geo-over-seo/>

¹⁹ Gao, Xin, et al., “Generative Engine Optimization (GEO).”

²⁰ George Halkias, “Mental Representation of Brands: A Schema-Based Approach to Consumers’ Organization of Market Knowledge,” *Journal of Product & Brand Management* 24, no. 5 (2015): 438–448, <https://doi.org/10.1108/JPBM-02-2015-0818>

²¹ Tülin Erdem and Michael P. Keane, “Decision-Making under Uncertainty: Capturing Dynamic Brand Choice Processes in Turbulent Consumer Goods Markets,” *Marketing Science* 15, no. 1 (1996): 1–20, <https://doi.org/10.1287/mksc.15.1.1>; Mihnea Ursu, Tülin Erdem, et al., “Consumers Use Bayesian Updating during Search,” *Wharton Marketing*, 2024, <https://marketing.wharton.upenn.edu/wp-content/uploads/2024/04/05.09.2024-Erdem-Tulin-PAPER-MangSciPaper.pdf>

²² Halkias, “Mental Representation of Brands.”

²³ Schmidhuber, “Deep Learning in Neural Networks.”

6 Why GEO Is the Differentiator

For most marketers, AEO will be the entry point – testable, tactical, accessible. *But GEO is where differentiation happens.*

- It's hard. Understanding embeddings, training data, and AI salience requires a mix of technical and strategic skill.
- It's rare. Few agencies truly know how to influence LLMs.
- It's durable. Once your brand is part of an AI's priors, it becomes "sticky."

In other words: GEO is the smart play for thought-leaders, challengers, and consultancies who want to own the frontier.

You need to understand marketing, Bayesian models, schema theory and machine learning to understand how cognitive and probabilistic models underlying how people make decisions about which product to go for.

7 Practical Strategies for Marketers

What does this mean in practice?

1. Think Like a Bayesian
 - Ask: what priors do people and AI systems already hold about your category?
 - Provide new evidence that can shift those priors
 - Balance brand-building (priors) with tactical content (evidence).
2. Balance GEO and AEO
 - Use AEO for immediate visibility in AI answers.
 - Invest in GEO for *long-term* brand salience inside AI systems.
 - Accept that both are necessary.
3. Reframe SEO
 - Treat SEO as defensive, not a growth engine.
 - Protect your rankings, but don't bet your future on them.
 - Redirect resources into GEO and AEO experiments.
4. Build for Multi-Channel Demand
 - Inbound is no longer enough.
 - Combine GEO/AEO with outbound, partnerships, and category design.
 - Build resilience into your marketing mix.

8 Experimental Setup

There are two phases to the experimental process:

- 1) Firstly, a review of the current state of AI visibility for a *pre-existing* web asset, <https://www.bjrees.com/>. This site has been running for a number of years and therefore can be considered a “baseline” for results.
- 2) Secondly, a more longitudinal study for a new web asset, <https://pirsigism.com/>. I will be tracking the impact of the conclusions made here on this new site over the next period. Crucially this process is starting with more than zero visibility.

Note on understanding the three types of Google search queries

When evaluating visibility, it is useful to distinguish between three common types of Google search related to a domain. Each reveals a different aspect of how a site is indexed and recognised.

1. **site:yourdomain.com** — The site-restricted search
This operator instructs Google to display only results from the specified domain. It reveals which pages have been indexed and how they appear in search results, but not how they rank relative to other sites.
Example:
“site:bjrees.com craftsmanship in marketing” or “site:pirsigism.com quality in marketing”.
2. **yourdomain.com** — The domain as a keyword
When the domain name is entered without the operator, Google treats it as an ordinary search term. Results include not only the website itself but also external mentions such as backlinks, directories, and social profiles. This form of query is useful for assessing brand presence and reputation across the web.
3. **Yourbrandname** — The unqualified name or concept
Searching for the bare name (for instance, *bjrees* or *pirsigism*) is the broadest and most competitive form. It reflects general brand recognition and topical authority rather than technical indexing. Achieving strong placement here indicates that Google associates the term closely with the site or entity.

Relative difficulty

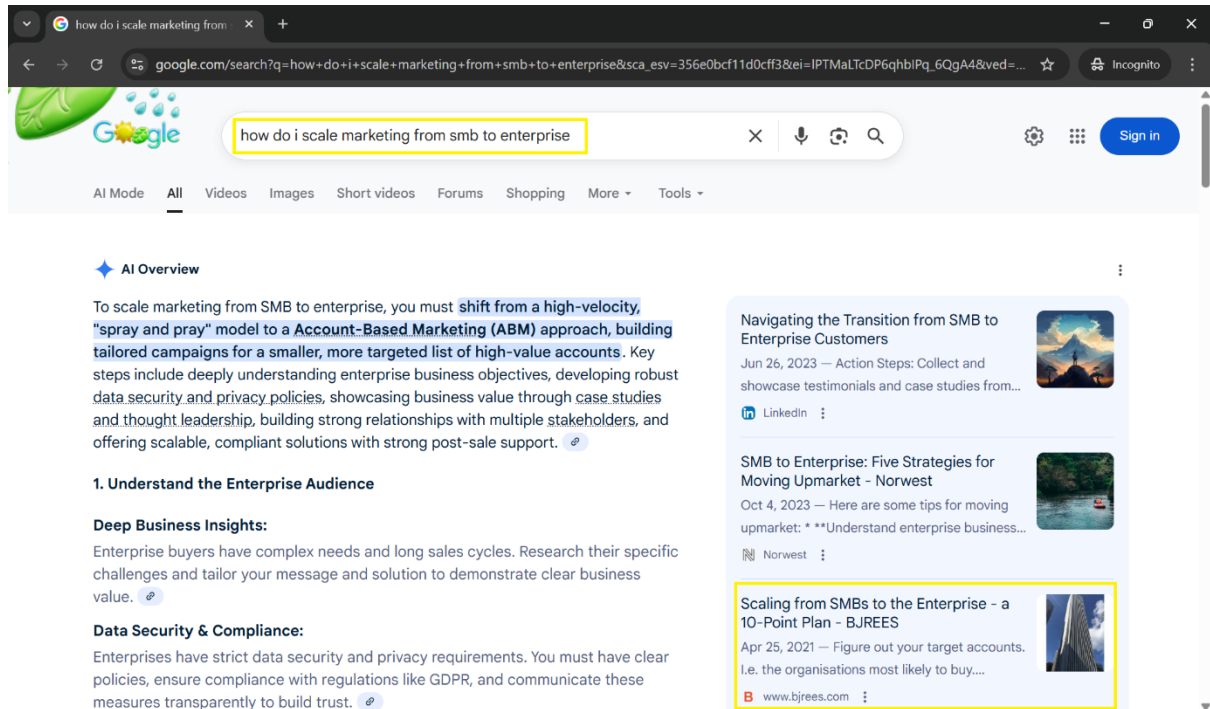
From easiest to most difficult to appear in:

Rank	Search Type	Example	Primary Measure	Relative Difficulty
1	site:yourdomain.com	site:bjrees.com / site:pirsigism.com	Indexed pages	★ Easiest
2	yourdomain.com	bjrees.com / pirsigism.com	External mentions and backlinks	★ ★
3	yourbrandname	bjrees / pirsigism	Brand or topic authority	★ ★ ★ Hardest

9 Phase 1 Experimental Results

These results show the baseline of AEO performance, for <https://bjrees.com>. This is necessary as most sites have been running for a period of time, building up recognition and salience.

For the example, this site is already prevalent in AEO results such as “How do I scale marketing from SMB to enterprise”:



Being seen in these AEO results, for example in Google snippets, is a crucial first step. This shows that Google already recognises the site as a credible and contextually relevant source for specific marketing topics. It indicates that the site’s structure, language, and topical alignment are sufficient for inclusion in generative or summarised responses, rather than relying solely on traditional keyword ranking.

Such visibility establishes a foundation from which to measure changes in answer engine optimisation performance – whether through improved schema, clearer topical focus, or expanded semantic coverage across related queries.

Query	Date	Platform (Google/Perplexity/ChatGPT/etc.)	Mode (Normal/Incognito/VPN)	Category (SEO/AEO/GEO)	Result Source (Regular / AI Overview / AI Mode)	Result Type (Direct Link / Snippet / Generative Synthesis)	Did bjrees.com appear? (Yes/No)	How did it appear? (Link / Quoted / Mentioned in Narrative)	Screenshot File
site:bjrees.com Generative Engine Optimization	21/09/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/1.png
site:bjrees.com Generative Engine Optimization	21/09/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Quoted directly in the narrative + links in right-hand results panel	Screenshots/2.png
Generative Engine Optimization blog bjrees	21/09/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/3.png
Generative Engine Optimization blog bjrees	21/09/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Quoted directly in the narrative + links in right-hand results panel	Screenshots/4.png
bjrees.com SEO vs AEO vs GEO	21/09/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/5.png
bjrees.com SEO vs AEO vs GEO	21/09/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Quoted directly in the narrative + links in right-hand results panel	Screenshots/6.png
Who coined the term Generative Engine Optimization?	21/09/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/7.png
Who coined the term Generative Engine Optimization?	21/09/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/8.png
When was Generative Engine Optimization first defined?	22/09/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/9.png
When was Generative Engine Optimization first defined?	22/09/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/10.png
how do I scale marketing from smb to enterprise	22/09/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/19.png
how do I scale marketing from smb to enterprise	22/09/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Quoted directly in the narrative + links in right-hand results panel	Screenshots/20.png
What does AEO stand for in marketing?	22/09/2025	Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/11.png
What does AEO stand for in marketing?	22/09/2025	Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	Screenshots/12.png
how do I scale marketing from smb to enterprise	22/09/2025	Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/13.png
how do I scale marketing from smb to enterprise	22/09/2025	Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	Yes	Link in main results	Screenshots/14.png
What's the future of SEO in the age of generative AI?	22/09/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/15.png
How can B2B marketers prepare for Generative Engine Optimization?	22/09/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/16.png
What's the difference between SEO, AEO, and GEO — and why does it matter?	22/09/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/17.png
how do I scale marketing from smb to enterprise	22/09/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/18.png



From this table, three concise takeaways stand out:

1. Strong baseline presence in Google's AEO results – *bjrees.com* already appears in several Google Answer Engine results (snippets and AI Overviews) for targeted marketing-related queries, showing early recognition and authority.
2. Weaker visibility across Perplexity and ChatGPT (with web) – while Google results show consistent appearances, *bjrees.com* is less frequently surfaced in generative platforms, suggesting that those engines are drawing on a different or narrower dataset.
3. AEO queries outperform standard SEO searches – appearances are more common under AEO-classified queries than under pure SEO ones, reinforcing that structured, semantically rich content is more likely to surface in AI-driven summaries than in traditional keyword listings.

10 Phase 2 Experimental Results

As previously discussed, there is obviously zero appearance for the site before going live (for example, where I have directed the search to a specific website with “*site:pirsigism*”, it doesn’t appear, because it obviously this site isn’t live at this point).

The screenshot shows a Google search interface. The search bar contains the text "Pirsigism". Below the search bar, a message states: "These are results for **Parasitism**. Search instead for Pirsigism". The search results are categorized under "AI Overview". The main text describes parasitism as a close relationship between species where one organism (the parasite) lives on or inside another (the host), benefiting at the host's expense by gaining nutrients and energy while harming the host. Examples include fleas on dogs, malaria-carrying mosquitoes, and parasitic worms. To the right, there are two featured snippets: "Parasitism - Symbiosis - Higher Biology Revision - BBC Bitesize" and "Parasitism and mutualism - Adaptations, interdependence ... - BBC". At the bottom, a Wikipedia link for "Parasitism" is visible.

Google

Pirsigism

AI Mode All Images Videos Shopping Short videos Forums More Tools

These are results for **Parasitism**
Search instead for Pirsigism

AI Overview

Parasitism is a close relationship between species in which one organism, the parasite, lives on or inside another organism, the host, benefiting at the host's expense by gaining nutrients and energy, while harming the host. The host suffers from the loss of resources and energy, but the parasite usually does not kill the host to ensure a continuous food supply. Examples include fleas on dogs, malaria-carrying mosquitoes, and parasitic worms in the digestive system.

Key characteristics of parasitism

- Non-mutual relationship: Only the parasite benefits; the host receives nothing in

Show more

Parasitism - Symbiosis - Higher Biology Revision - BBC Bitesize

Parasitism is the relationship between a parasite and its host. The parasite benefits by gaining...

Parasitism and mutualism - Adaptations, interdependence ... - BBC

Organisms depend on other species for resources such as nutrients. Parasites, live in ...

Wikipedia
https://en.wikipedia.org/wiki/Parasitism

Parasitism

Query	Date	Platform (Google/Perplexity/ChatGPT/etc.)	Mode (Normal/Incognito/VPN)	Category (SEO/AEO/GEO)	Result Source (Regular / AI Overview / AI Mode)	Result Type (Direct Link / Snippet / Generative Synthesis)	Did bjrees.com appear? (Yes/No)	How did it appear? (Link / Quoted / Mentioned in Narrative)	Screenshot File
site:pirsigism.com Metaphysics of Quality	08/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/1.png
site:pirsigism.com Metaphysics of Quality	08/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/2.png
site:pirsigism.com craftsmanship in marketing	08/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/3.png
site:pirsigism.com craftsmanship in marketing	08/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/4.png
site:pirsigism.com quality content philosophy	08/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/5.png
site:pirsigism.com quality content philosophy	08/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/6.png
craftsmanship in marketing means paying attention to the details others overlook?		Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	
craftsmanship in marketing means paying attention to the details others overlook?		Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	
Why does relying entirely on AI lead to content that looks right but lacks depth?		Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	
Why does relying entirely on AI lead to content that looks right but lacks depth?		Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	
Why does quality content come from insight, not automation?		Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	
Why does quality content come from insight, not automation?		Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	
craftsmanship in marketing means paying attention to the details others overlook?		Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	
craftsmanship in marketing means paying attention to the details others overlook?		Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	
Why does relying entirely on AI lead to content that looks right but lacks depth?		Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	
Why does relying entirely on AI lead to content that looks right but lacks depth?		Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	
What does Zen philosophy teach about finding meaning in work?		ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	
How can philosophy help people create better work in the age of AI?		ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	
What does it mean to pursue quality in everyday life?		ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	
Why do humans value craftsmanship even when technology can do the job faster?		ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	

This table shows that experimentally, there is no pre-existing visibility for the website <https://pirsigism.com>. This is important in order to conduct a proper experimental procedure.

Immediately post-live (**approx. 24 hours**), there are already some search performance results for the specific URL (essentially, the title of the site):

Query	Date	Platform (Google/Perplexity/ChatGPT/etc.)	Mode (Normal/Incognito/VPN)	Category (SEO/AEO/GEO)	Result Source (Regular / AI Overview / AI Mode)	Result Type (Direct Link / Snippet / Generative Synthesis)	Did bjrees.com appear? (Yes/No)	How did it appear? (Link / Quoted / Mentioned in Narrative)	Screenshot File
site:pirsigism.com Metaphysics of Quality	09/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/1.png
site:pirsigism.com Metaphysics of Quality	09/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/2.png
pirsigism.com craftsmanship in marketing	09/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/3.png
pirsigism.com craftsmanship in marketing	09/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/4.png
pirsigism quality marketing content philosophy	09/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/5.png
pirsigism quality marketing content philosophy	09/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Link in main results	Screenshots/6.png
What does it mean that craftsmanship in marketing means paying attention to the details others	09/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/7.png
What does it mean that craftsmanship in marketing means paying attention to the details others	09/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/8.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	09/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/9.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	09/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/10.png
Why does quality content come from insight, not automation?	09/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/11.png
Why does quality content come from insight, not automation?	09/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/12.png
What does it mean that craftsmanship in marketing means paying attention to the details others	09/10/2025	Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/13.png
What does it mean that craftsmanship in marketing means paying attention to the details others	09/10/2025	Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	Screenshots/14.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	09/10/2025	Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/15.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	09/10/2025	Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	Screenshots/16.png
What does Zen philosophy teach about finding meaning in work?	09/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/17.png
How can philosophy help people create better work in the age of AI?	09/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/18.png
What does it mean to pursue quality in everyday life?	09/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/19.png
Why do humans value craftsmanship even when technology can do the job faster?	09/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/20.png



Within roughly 24 hours of going live, the first measurable search activity centred on **pirsigism.com** appears, focusing on both direct and thematic queries.

1. **Successful initial indexing** – the domain and key topic pages were indexed almost immediately, with results visible for direct searches such as “*site:pirsigism.com*” and “*pirsigism.com craftsmanship in marketing*”.
2. **Early thematic recognition** – come AEO-classified queries (e.g., “*craftsmanship in marketing*”, “*philosophy quality marketing content*”) began appearing in generative panels, suggesting that Google was already testing semantic associations between the site and its core themes.
3. **Generative engines still cautious** – while “*pirsigism.com*” was indexed, it did not yet appear within AI-generated responses on Perplexity or ChatGPT (with web). This reflects an early-stage pattern: recognition by Google’s index precedes inclusion in multi-engine synthesis.

15 days later, the results were as follows:

Query	Date	Platform (Google/Perplexity/ChatGPT/etc.)	Mode (Normal/Incognito/VPN)	Category (SEO/AEO/GEO)	Result Source (Regular / AI Overview / AI Mode)	Result Type (Direct Link / Snippet / Generative Synthesis)	Did bjrees.com appear? (Yes/No)	How did it appear? (Link/Quoted / Mentioned in Narrative)	Screenshot File
site:pirsigism.com Metaphysics of Quality	26/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/1.png
site:pirsigism.com Metaphysics of Quality	26/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/2.png
pirsigism.com craftsmanship in marketing	26/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/3.png
pirsigism.com craftsmanship in marketing	26/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Link in main results	Screenshots/4.png
pirsigism quality marketing content philosophy	26/10/2025	Google	Incognito	SEO	Regular Search	Direct Link (SEO panel)	Yes	Link in main results	Screenshots/5.png
pirsigism quality marketing content philosophy	26/10/2025	Google	Incognito	AEO/GEO	AI Mode (full-page generative response)	Generative Synthesis	Yes	Link in main results	Screenshots/6.png
What does it mean that craftsmanship in marketing means paying attention to the details others	26/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/7.png
What does it mean that craftsmanship in marketing means paying attention to the details others	26/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/8.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	26/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/9.png
Why does relying entirely on AI lead to content that looks right but lacks depth?	26/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/10.png
Why does quality content come from insight, not automation?	26/10/2025	Google	Incognito	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/11.png
Why does quality content come from insight, not automation?	26/10/2025	Google	Incognito	AEO	AI Mode (full-page generative response)	Generative Synthesis	No	-	Screenshots/12.png
What does it mean that craftsmanship in marketing means paying attention to the details others	26/10/2025	Perplexity	Signed-in	AEO	Regular Search	Direct Link (SEO panel)	No	-	Screenshots/13.png
What does it mean that craftsmanship in marketing means paying attention to the details others	26/10/2025	Perplexity	Incognito	AEO	Research Search (need to be signed in)	Generative Synthesis	No	-	Screenshots/14.png
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What does Zen philosophy teach about finding meaning in work?	26/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/17.png
How can philosophy help people create better work in the age of AI?	26/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/18.png
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Why do humans value craftsmanship even when technology can do the job faster?	26/10/2025	ChatGPT (with web)	Signed-out and incognito	GEO	Model Output (not external)	Direct Generation (model-only)	No	-	Screenshots/20.png



Fifteen days after launch, both domains exhibited clear differentiation between **indexing stability** and **AEO expansion**.

1. **Sustained indexing performance** – the sites continued to appear consistently in standard Google search results, confirming that initial indexing had held and that technical visibility remained strong.
2. **Gradual AEO emergence** – early signs of Answer Engine Optimisation progress were visible: *bjrees.com* began appearing more regularly in Google’s AI Overview panels and related AEO/GEO categories, suggesting the start of semantic reinforcement around marketing-specific themes.
3. **Generative platforms still lagging** – despite this, “*pirsigism.com*” remained largely absent from generative synthesis results on Perplexity and ChatGPT (with web), underlining a typical delay between Google recognition and inclusion in multi-engine models.

11 Discussion

The experimental results reinforce the central theoretical claim of the paper, that *Generative Engine Optimisation (GEO)* functions as the marketing analogue of shaping the priors within a cognitive system – whether that system is human *or* artificial.

In Bayesian terms, every decision process begins with a prior belief, updated as new evidence arrives. Traditional SEO operates almost entirely at the evidence layer: producing content that could be discovered, ranked, and clicked. GEO extends the field upward, to the level of *priors* – the structured representations that determine what evidence is considered relevant in the first place. For humans, those priors correspond to brand salience and schema familiarity; for generative models, they take the form of token associations, embedding weights, and exposure frequency within training or retrieval datasets. In both cases, salience precedes search.

The staged experimental results clarify how these mechanisms unfold over time:

Phase 1 (*bjrees.com*) demonstrates the limits of evidence-only optimisation: a site may be technically strong and well-indexed yet remain invisible in generative summaries because the concept of the brand is weakly represented in the model's latent space.

Phase 2 (*pirsigism.com*) shows how deliberate conceptual framing – anchoring content around distinctive ideas such as *quality*, *craftsmanship*, and *marketing* – can accelerate inclusion in early AEO panels.

Phase 3 (15 days post-launch), both domains achieved stable indexing and the first signs of semantic reinforcement, while generative engines like Perplexity and ChatGPT continued to lag. This lag supports the hypothesis that indexing precedes prior formation: generative systems appear to adopt new conceptual associations only after repeated exposure across time and context.

This temporal pattern strengthens the theoretical link between Bayesian cognition and generative retrieval. The objective of marketing is not merely to generate readable evidence, but to *shape the latent structures through which algorithms interpret that evidence*. GEO therefore becomes the practice of teaching machines how to *think about* a brand, just as brand advertising teaches humans how to *remember* it.

Practically, this implies a layered strategy:

- **SEO** maintains technical discoverability.
- **AEO** structures near-term evidence for algorithmic synthesis.
- **GEO** builds durable priors – content, link contexts, and conceptual coherence that persist within model representations long after individual pages evolve.

The experimental design – combining controlled query sets, cross-platform comparison, and staged temporal sampling – provides an initial framework for observing how conceptual associations form within generative systems. By tracking queries across SEO, AEO, and GEO categories, and recording the mode of appearance (direct link, snippet, or synthesis), the study establishes a repeatable method for measuring early-stage brand representation. These structured observations transform GEO from a theoretical construct into an empirically testable process: one that links content design decisions to measurable shifts in algorithmic perception over time.

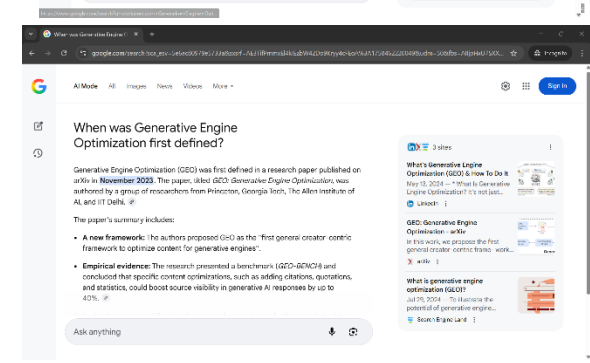
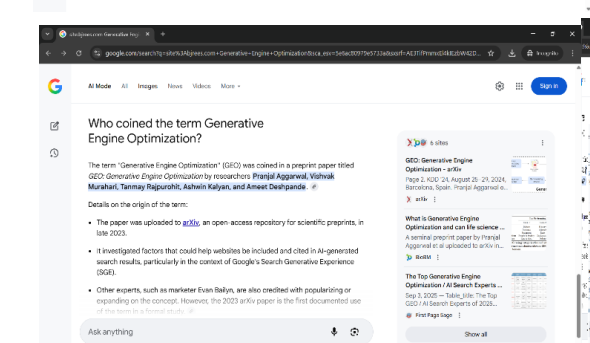
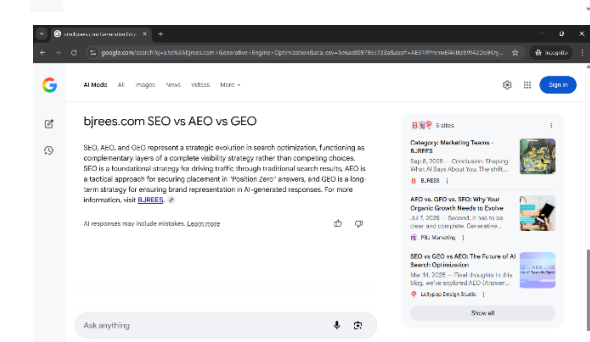
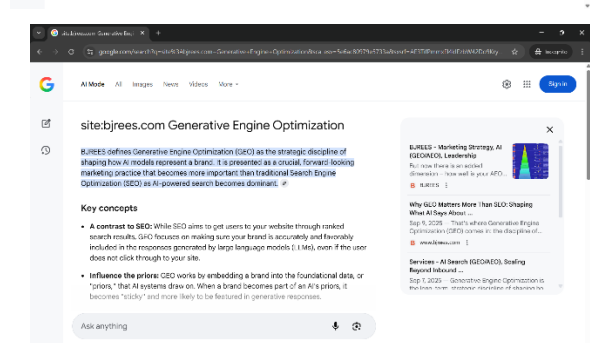
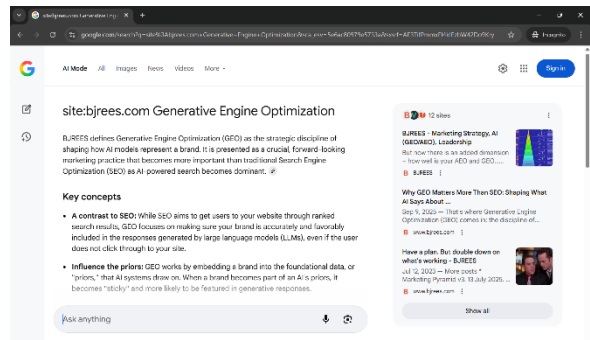
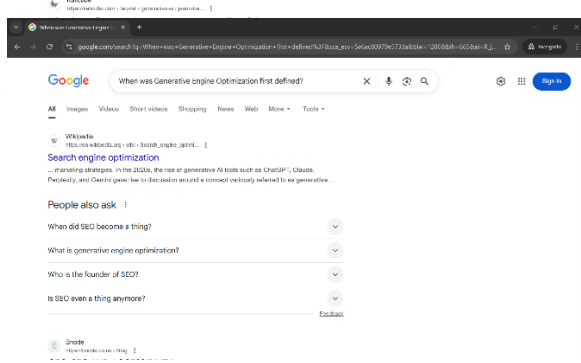
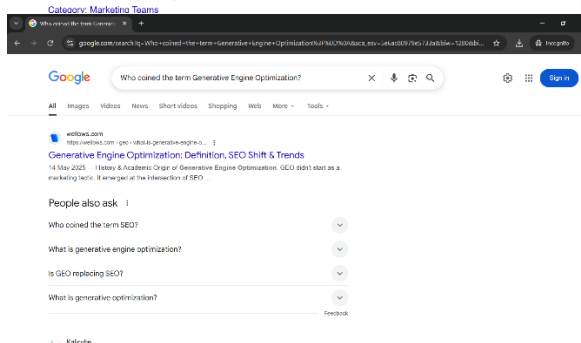
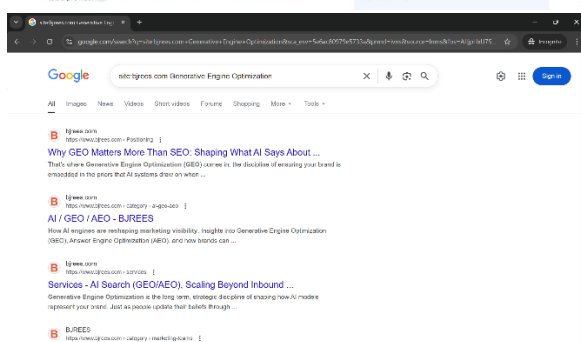
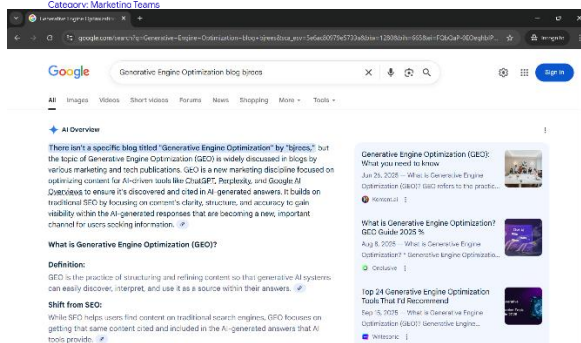
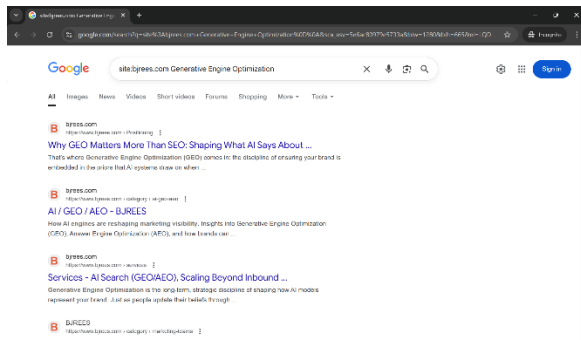
In summary, these experiments indicate that visibility in the generative era depends less on optimising for keywords and more on cultivating *conceptual presence* – the extent to which a brand's meaning is embedded in the interpretive priors of both humans and machines. GEO represents not simply another technical discipline, but the next stage of marketing strategy: the deliberate shaping of how generative systems recognise, recall, and represent brands. For marketers, mastering this capability will define the path to sustained visibility in AEO and GEO search environments.

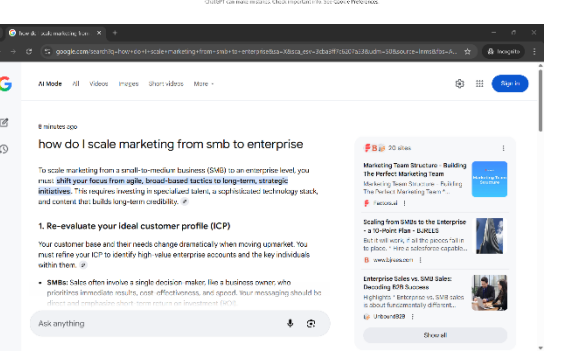
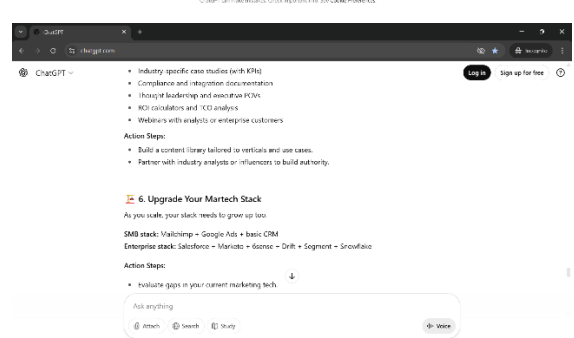
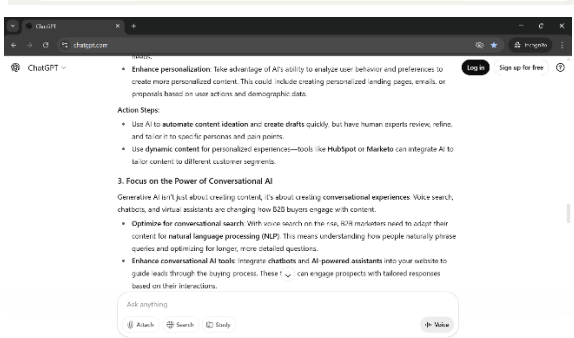
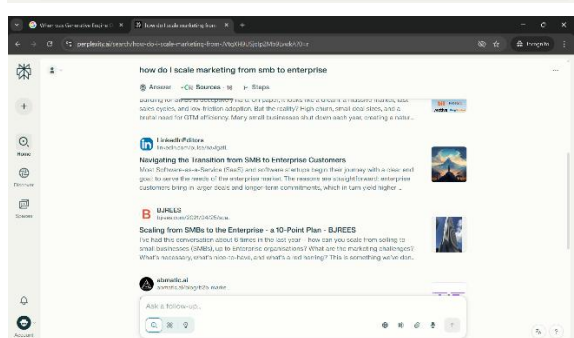
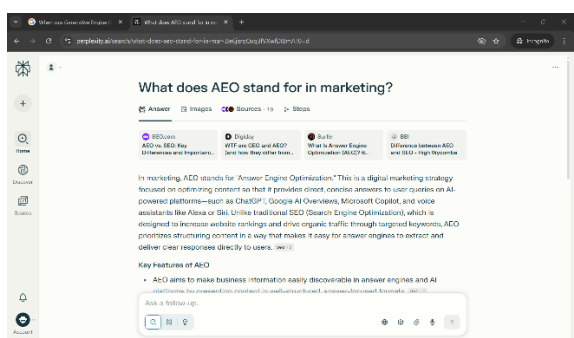
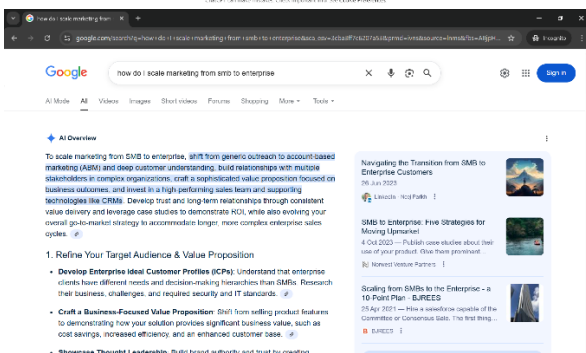
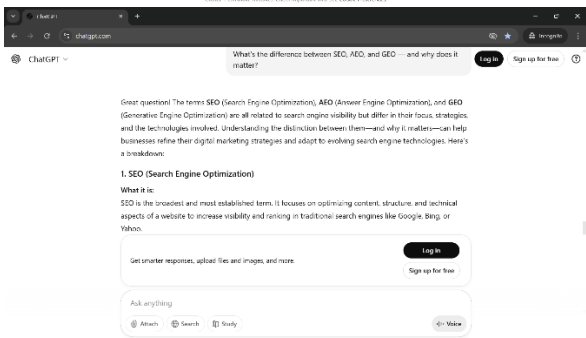
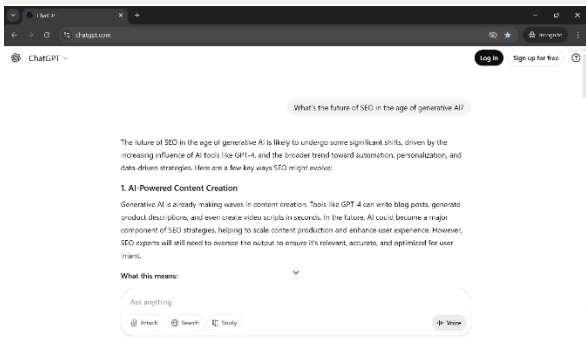
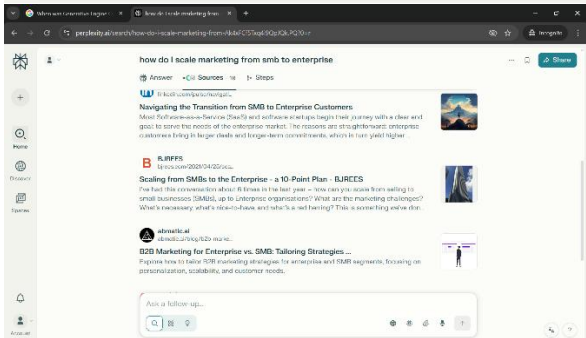
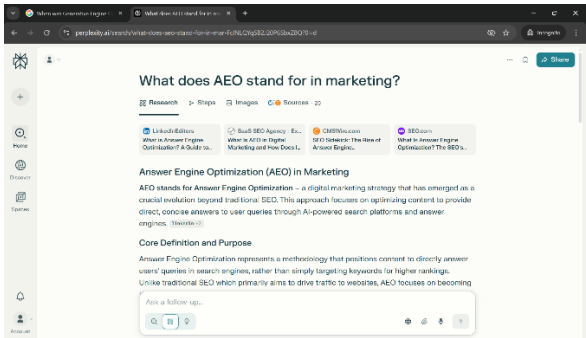
To find out more, get in touch at ben@bjrees.com, or visit <https://www.bjrees.com/services/>

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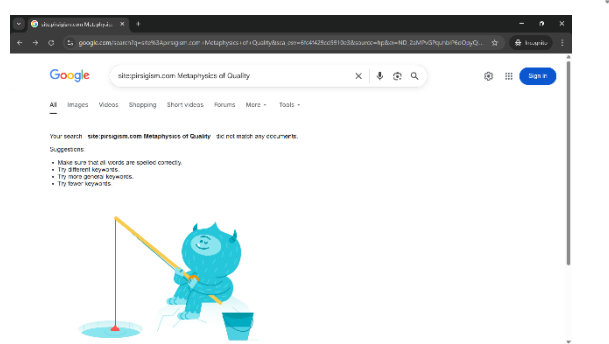
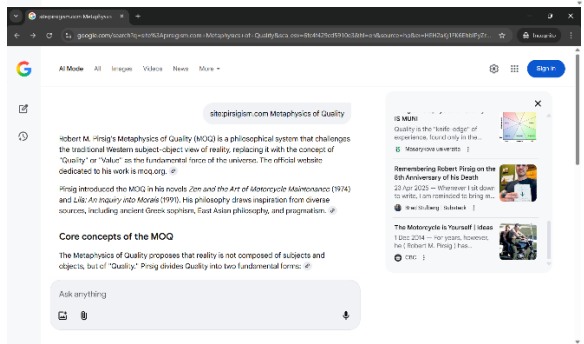
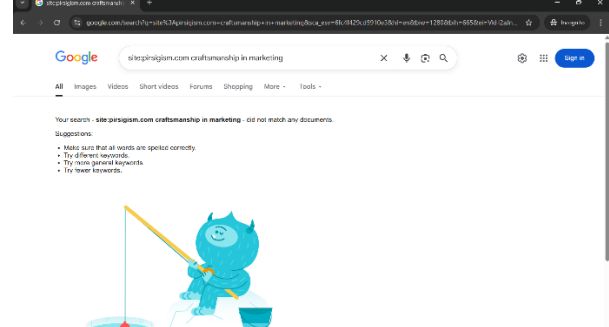
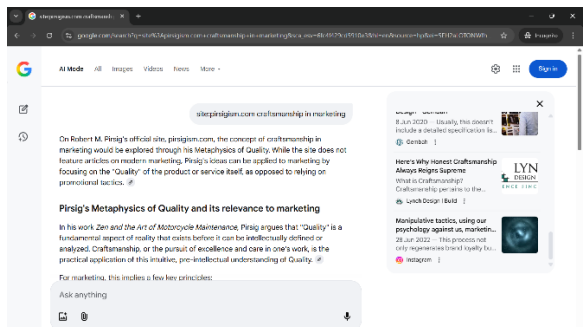
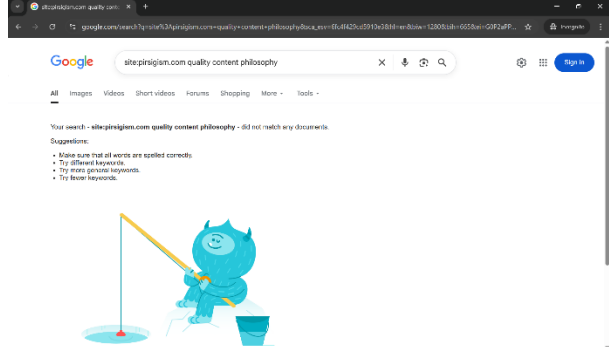
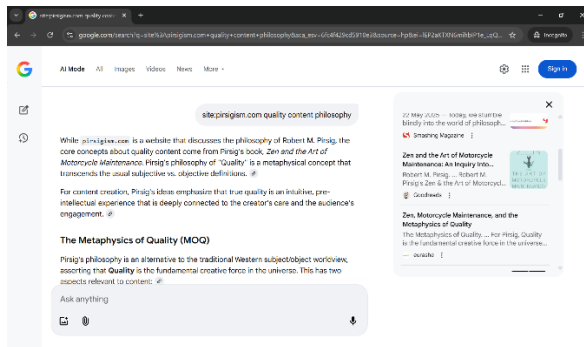
13 Phase 1 Screenshots – Google, Perplexity, ChatGPT Visibility



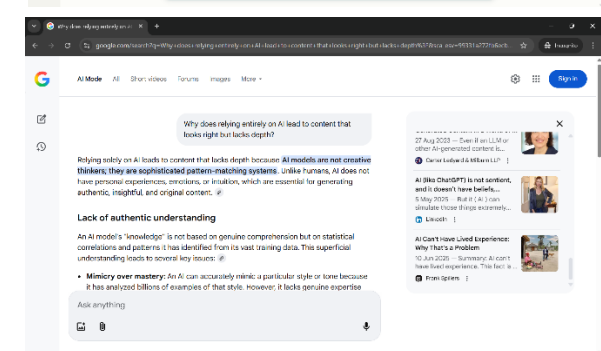
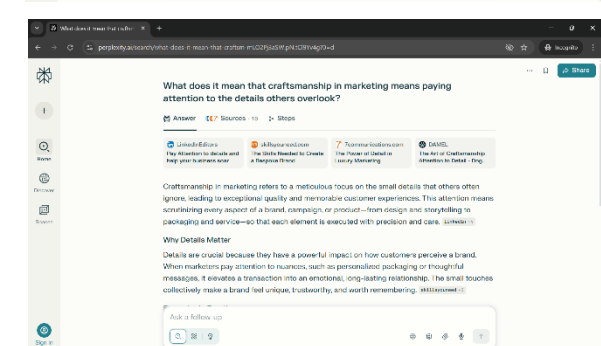
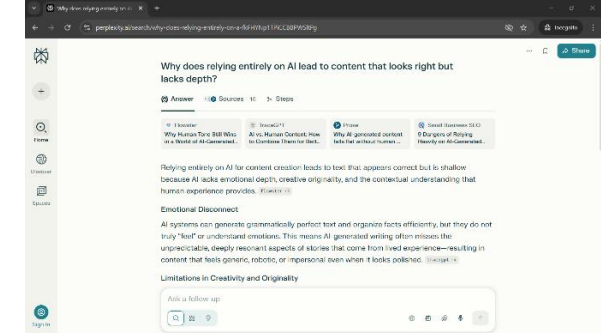
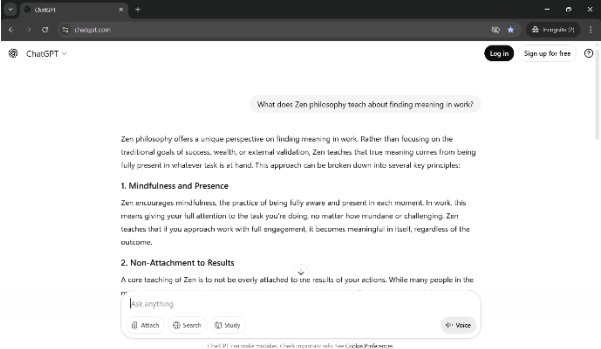
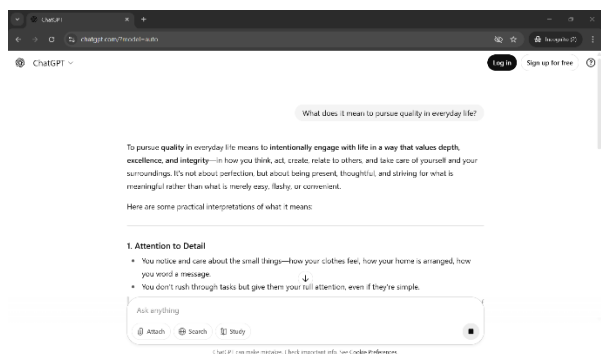
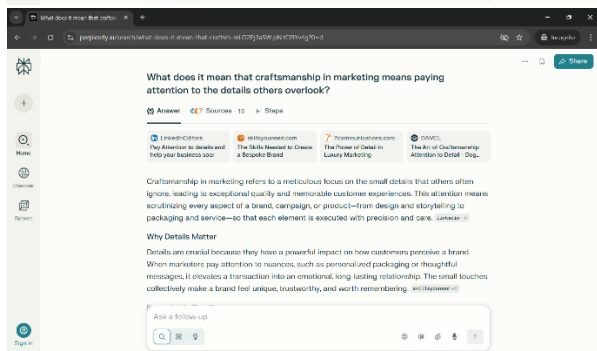
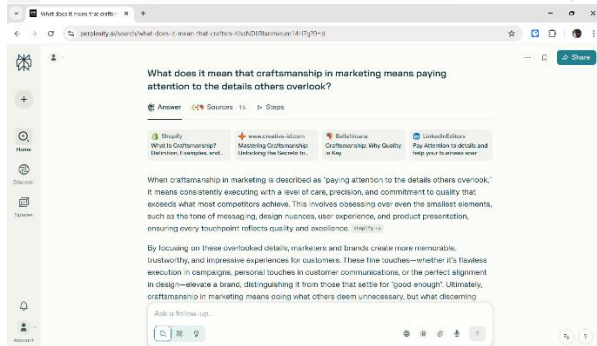
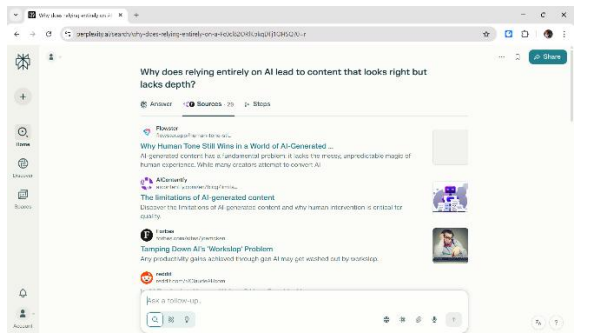
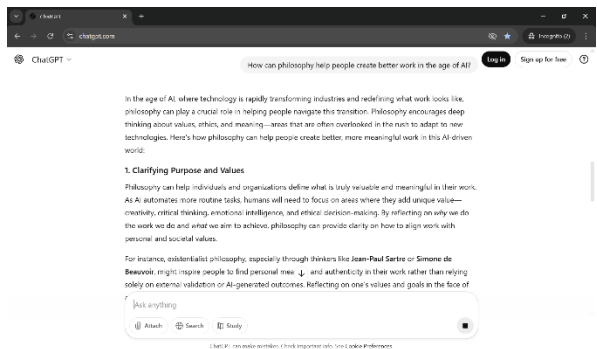
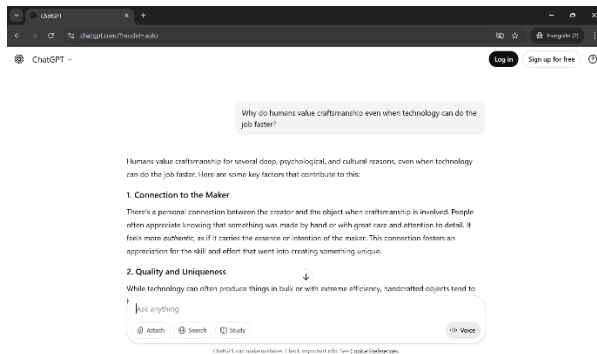


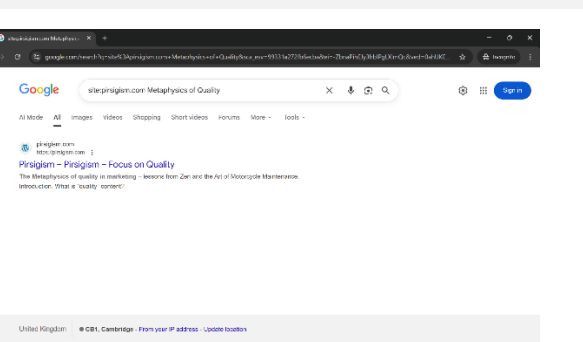
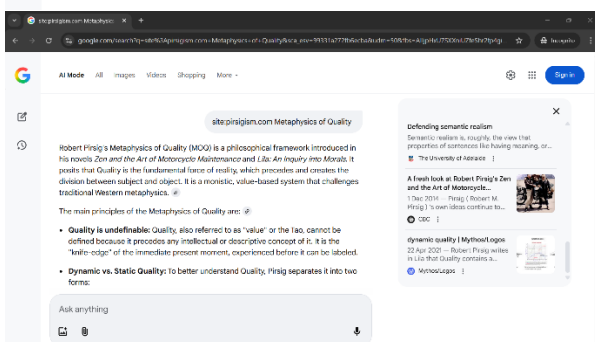
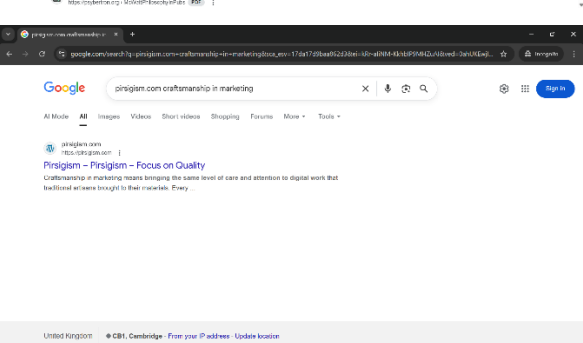
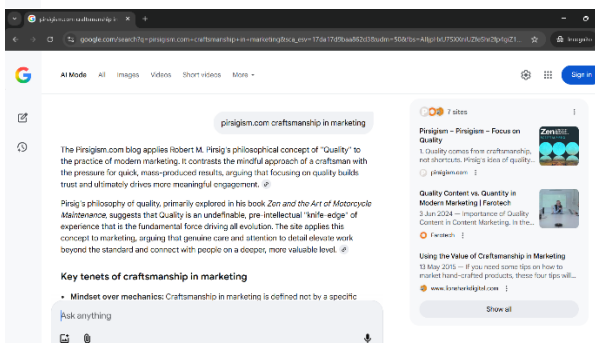
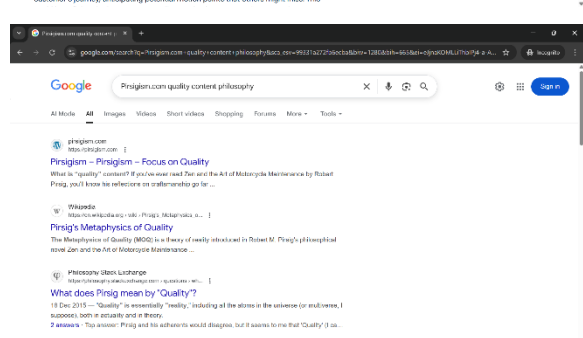
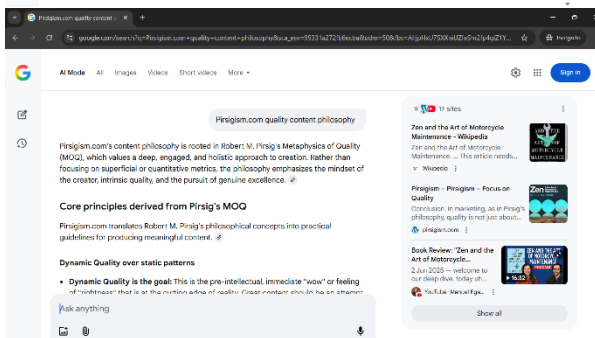
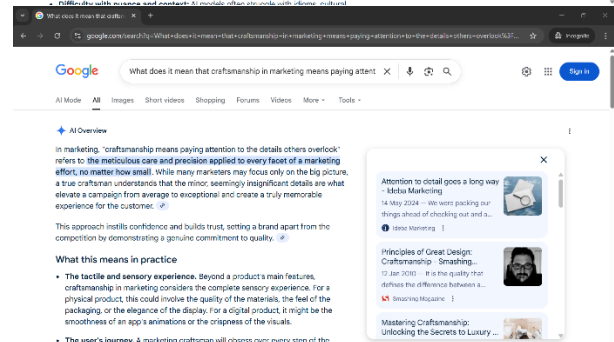
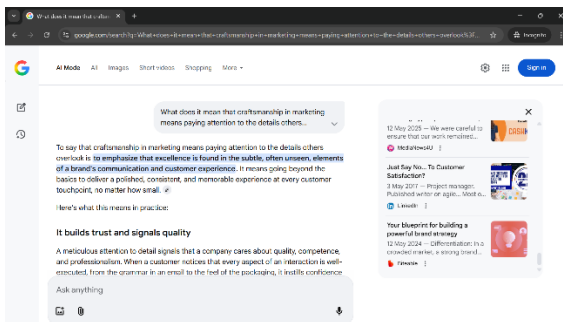
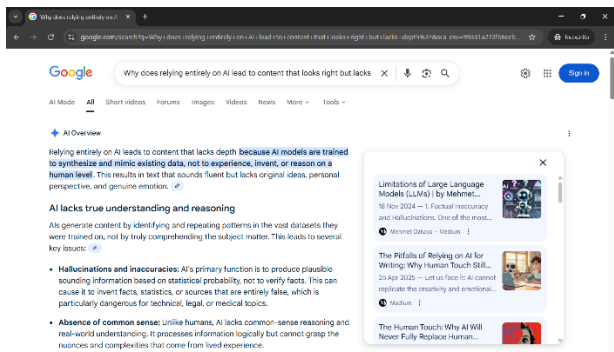
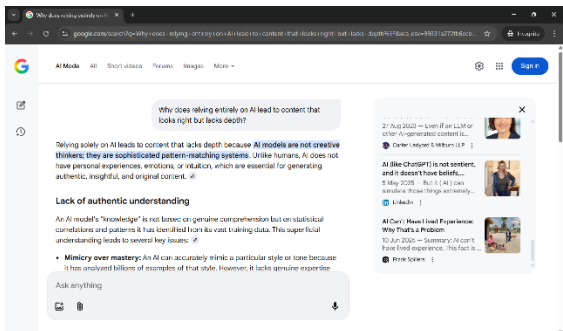
14 Phase 2 Screenshots – Google, Perplexity, ChatGPT Visibility

14.1 Pre-experiment



14.2 Day 1





14.3 Day 15

