

CAN CHATGPT AND AI HELP CUSTOMERS FIND QUALITY CONTRACTORS?

A LIVE WALKTHROUGH OF PERPLEXITY AS AI EVOLVES TOWARD SEARCH

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February 28, 2024

What We'll Discuss

- 1 THE EVER EVOLVING AI CHATBOT LANDSCAPE
 - —Open Al's ChatGPT
 - -Microsoft's Bing
 - —Google's Bard Gemini
 - —Search Specific: Perplexity
- 2 OVERVIEW: SEARCH IN ITS EVOLVING FORMS
- TESTING OUT THE PERPLEXITY EXPERIENCE



THE CHAT & AI LANDSCAPE



General Al Chatbots



100 Million Weekly Users





Search Specific Al Chatbots



10 Million Weekly Users



General Al Chatbots



100 Million Weekly Users





Search Specific Al Chatbots



10 Million Weekly Users



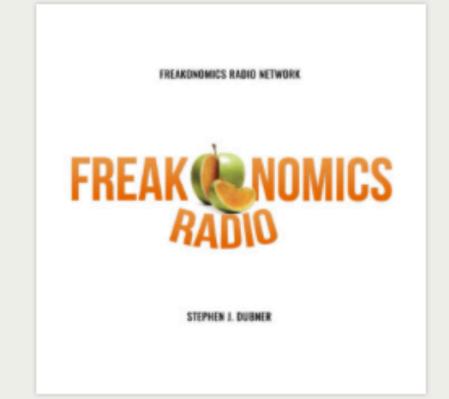


THE STATE OF GOOGLE SEARCH





Q BLOG CONTACT **PODCASTS** MEMBERSHIP ON THE RADIO SHOP **ABOUT** BOOKS



FOLLOW THIS SHOW

EPISODE 522

Is Google Getting Worse? (Update)

It used to feel like magic. Now it can feel like a set of cheap tricks. Is the problem with Google - or with us? And is Google Search finally facing a real rival, in the form of A.I.powered "answer engines"?





Feb 21, 2024 By Stephen J. Dubner Produced by Alina Kulman and Zack Lapinski



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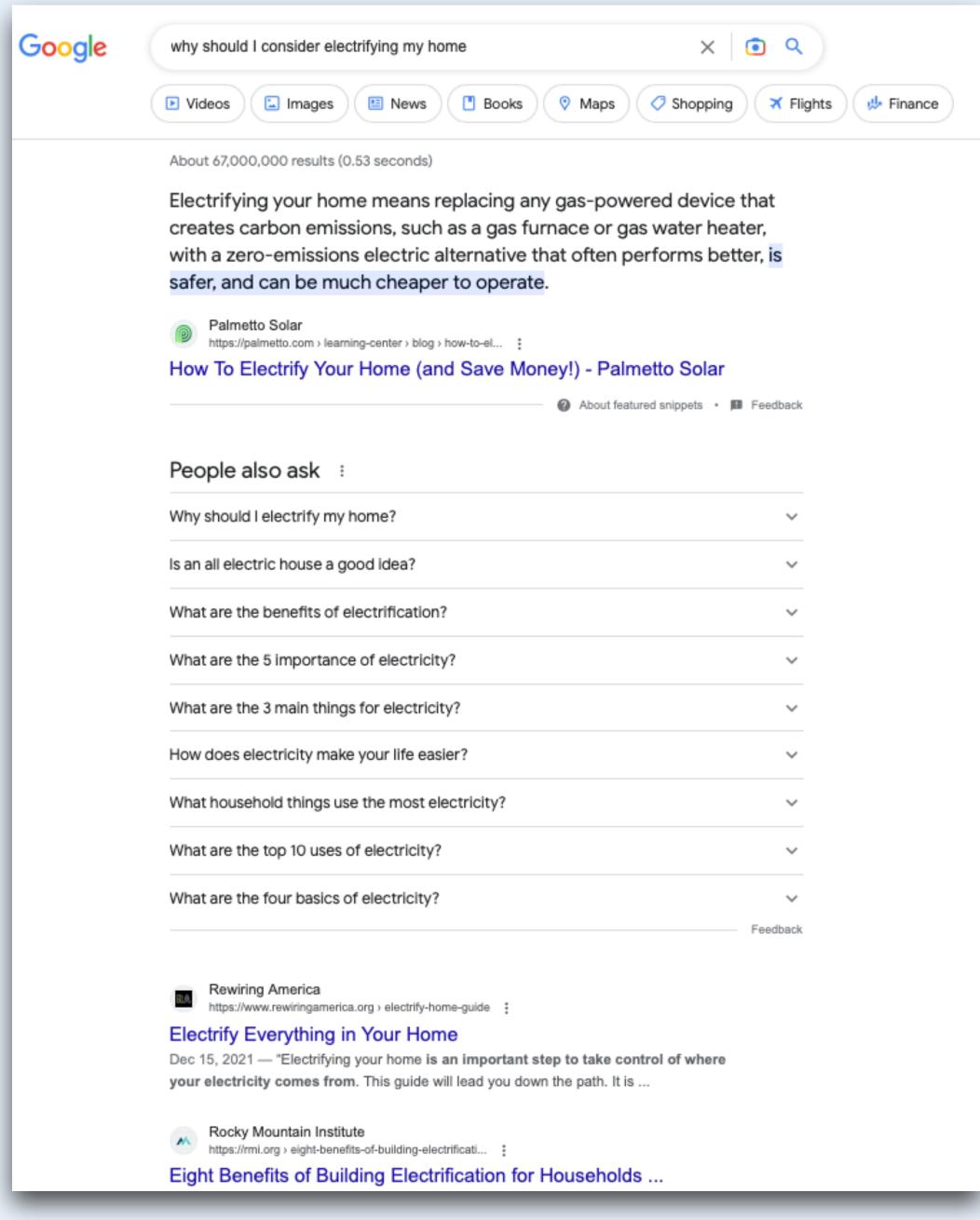
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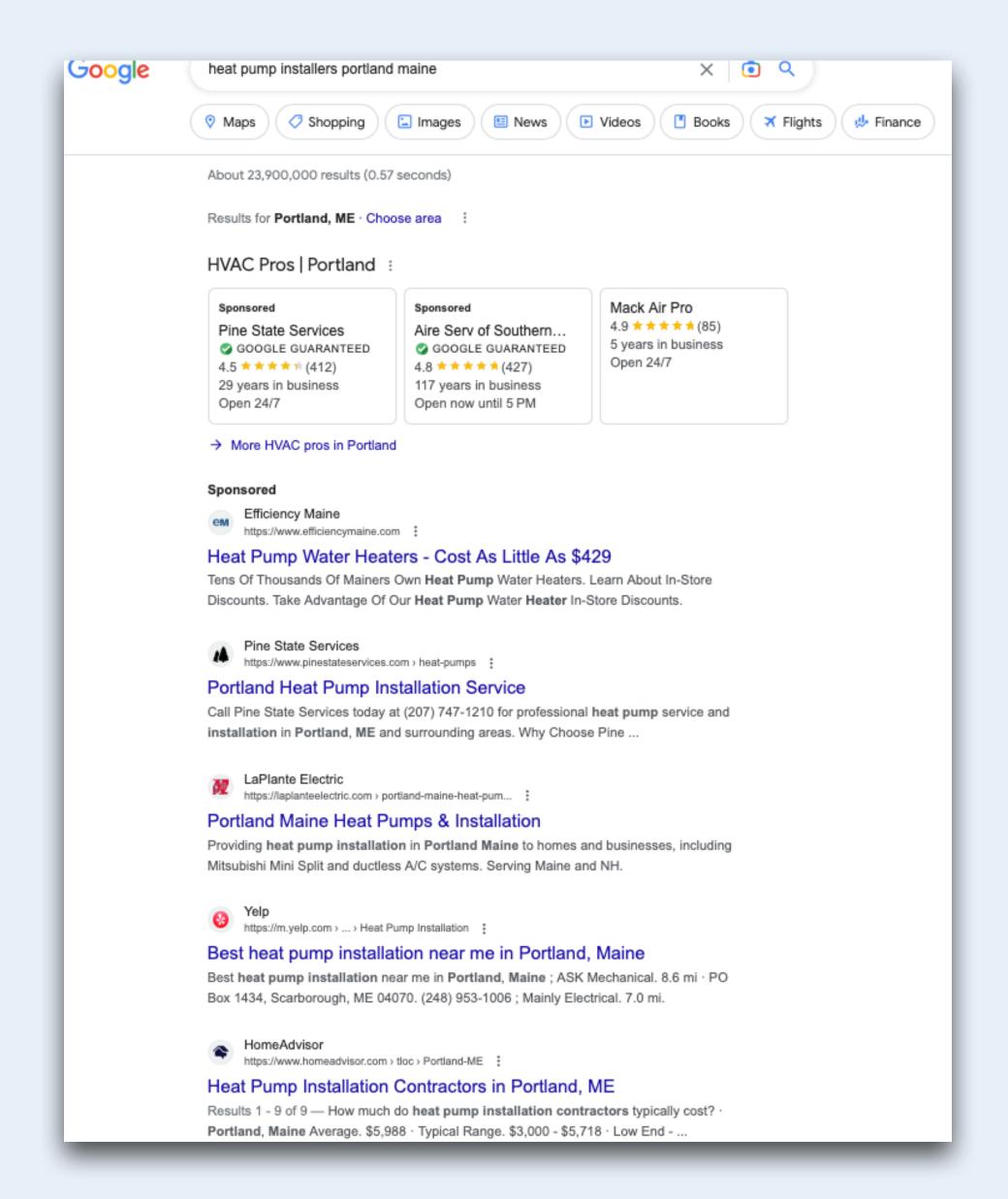


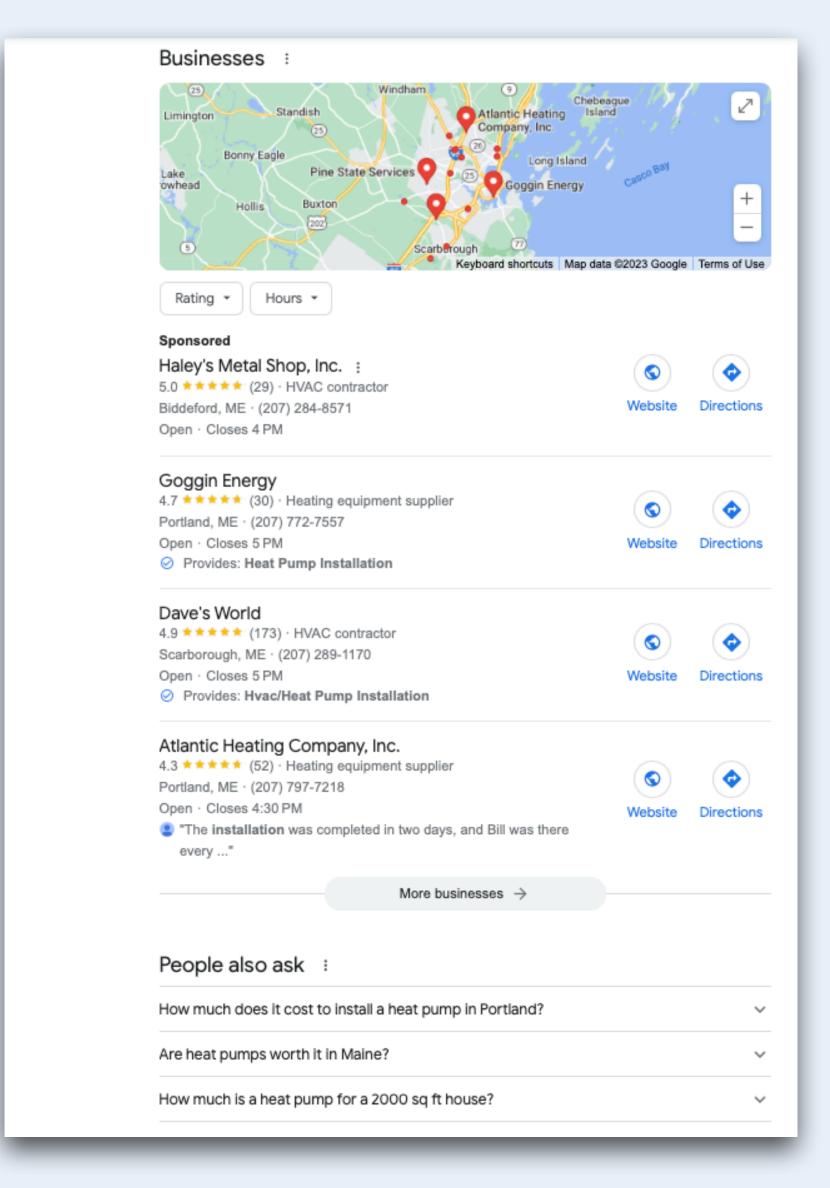
Blue Links and Dumb Questions





When Query Goes Commercial: Chaos & Ads







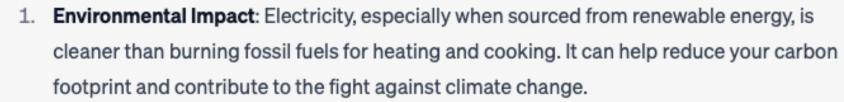
Dialogue Based Search is More Innate in Human Linguistics



Briefly, why should I consider electrifying my home



There are several compelling reasons to consider electrifying your home:



- Efficiency: Electric appliances are often more energy-efficient than their fossil fuel
 counterparts. For example, heat pump systems for space and water heating are typically
 much more efficient than natural gas or oil furnaces.
- Health and Safety: Electric appliances eliminate the risks associated with gas leaks and carbon monoxide poisoning. Additionally, electric stoves and ovens do not emit combustion pollutants, which can improve indoor air quality.
- Future-Proofing: As the grid becomes increasingly powered by renewable energy, homes
 will need to transition to electric systems. Electrifying your home now can help you stay
 ahead of this curve.
- Cost Savings: While the initial cost of electric appliances might be higher, the operational
 costs are often lower due to their higher efficiency. In regions with favorable electricity
 rates, or with home solar power, the cost savings can be significant.
- Simplicity and Integration: An all-electric home can be simpler to maintain with fewer different systems. It also allows for seamless integration with smart home technologies, enhancing your control over your home's energy use.

Remember, the benefits will depend on your specific situation, including your local climate, electricity prices, and how your electricity is generated. It's also important to consider the upfront costs and potential home modifications needed to transition to an all-electic home.



OK, thanks for that. But are there characteristics of a home that would make it more or less eligible for electrification



Yes, there are several factors that can impact how suitable a home is for electrification:

- Age of Existing Appliances: If your appliances are nearing the end of their life or need expensive repairs, it might be a good time to replace them with electric versions.
 However, if you have recently purchased new gas appliances, you might prefer to use them for their full lifespan before switching.
- Climate: Homes in milder climates can benefit more from electric heat pumps, which are
 most efficient in such conditions. In colder climates, although modern heat pumps can
 still operate at lower temperatures, their efficiency drops, which might necessitate
 supplementary heating systems for the coldest days.
- Electricity Rates and Sources: If electricity is expensive in your area, or if it's primarily
 generated from coal or other high-carbon sources, the economic and environmental
 benefits of electrification may be reduced. Conversely, homes in areas with cheap, clean
 electricity or potential for solar power are excellent candidates for electrification.
- Home Insulation: Well-insulated homes retain heat better, reducing the heating load and making heat pumps more effective. If your home is poorly insulated, it might be worth improving insulation before or alongside electrification.
- Existing Infrastructure: Homes that already have some electric infrastructure (like an
 electric water heater or electric stove) might find it easier and cheaper to transition to
 fully electric. Homes without existing infrastructure might need significant electrical
 upgrades to handle the increased load, which could add to the cost.
- Local Incentives: Many regions offer rebates, tax incentives, or low-interest loans for home electrification or for installing specific appliances, like heat pumps or electric vehicle chargers. If such incentives are available, they could significantly reduce the cost of electrification.
- Future Plans: If you're planning on major renovations or an extension in the near future, it might be more cost-effective to include electrification as part of that project.

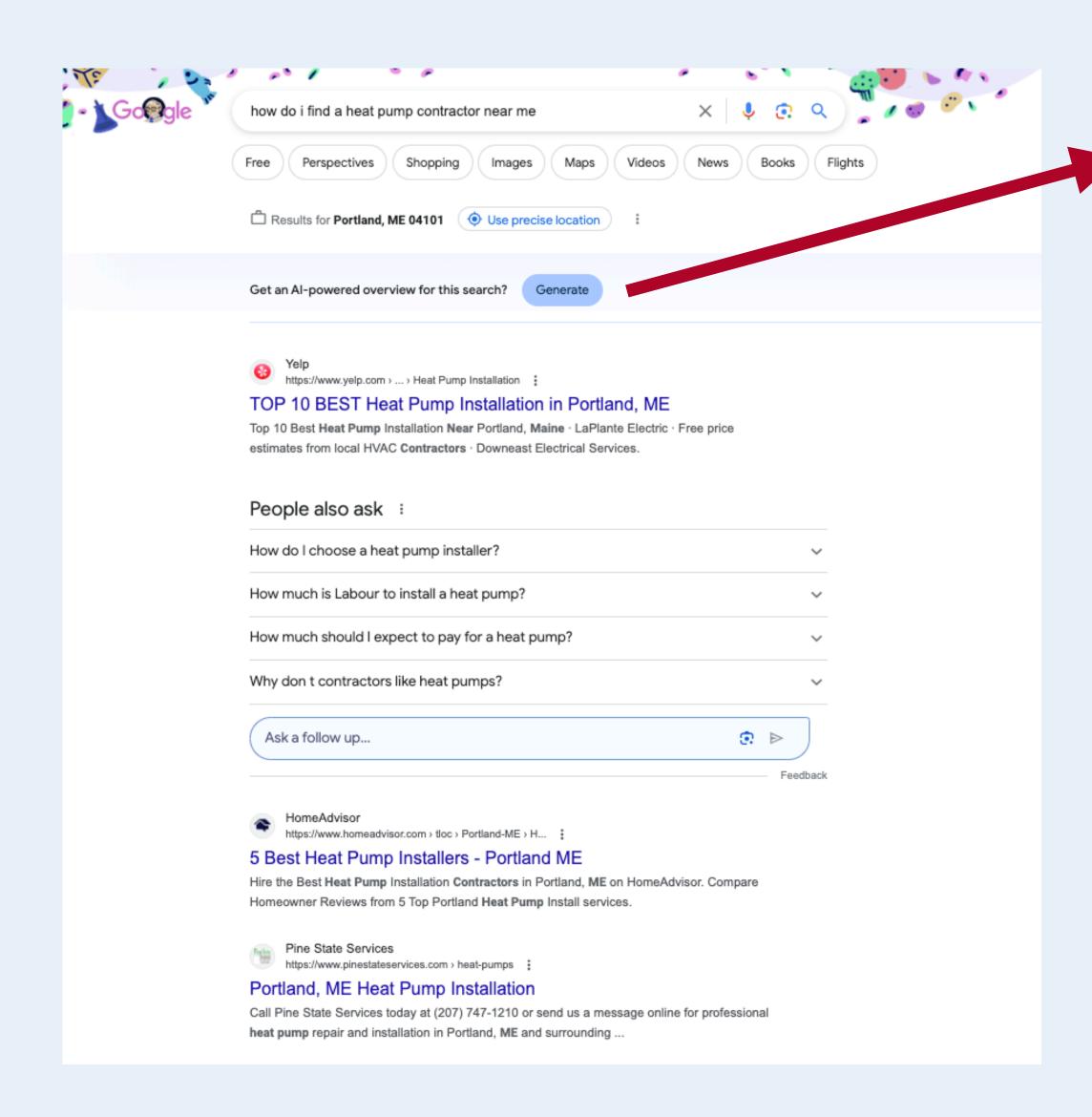
It's always a good idea to seek professional advice before making major changes to your home's systems. They can help you assess your specific situation and make the best decisions for your home, budget, and lifestyle.

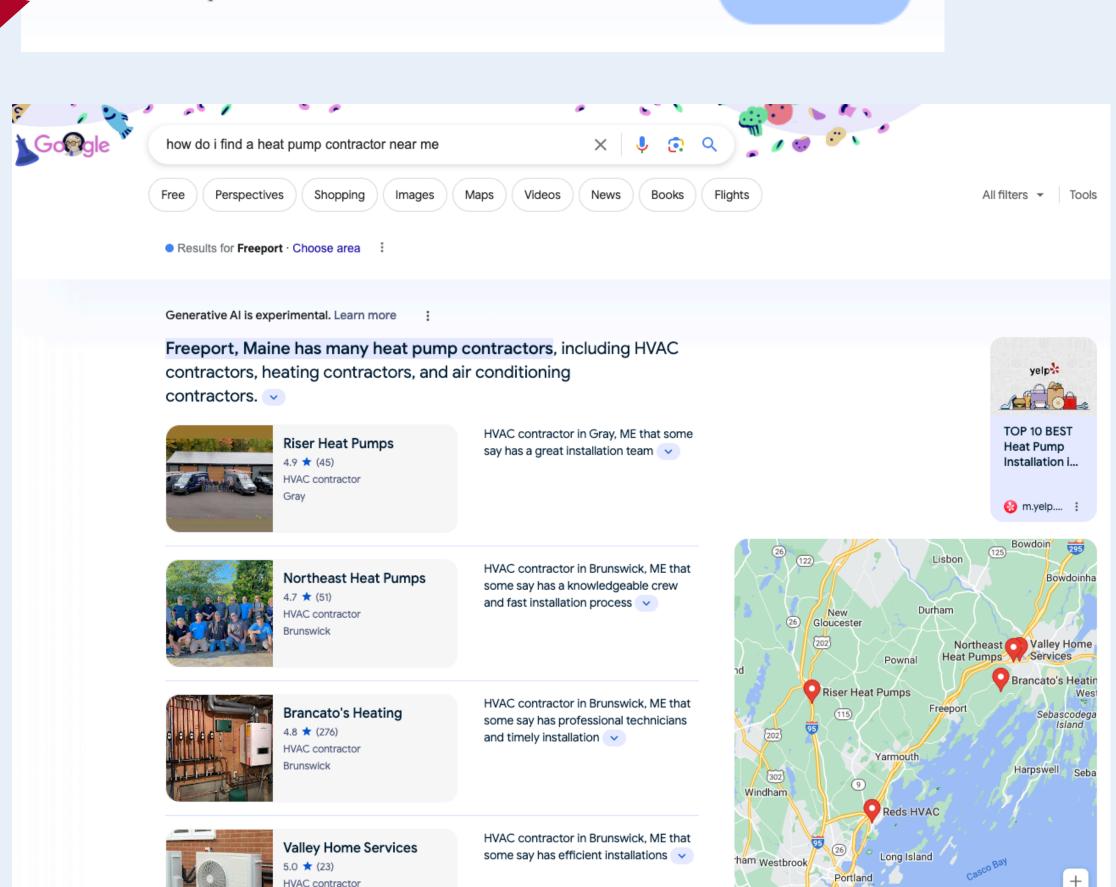


Al'S EVOLUTION TOWARD SEARCH



Google Generative Al Search



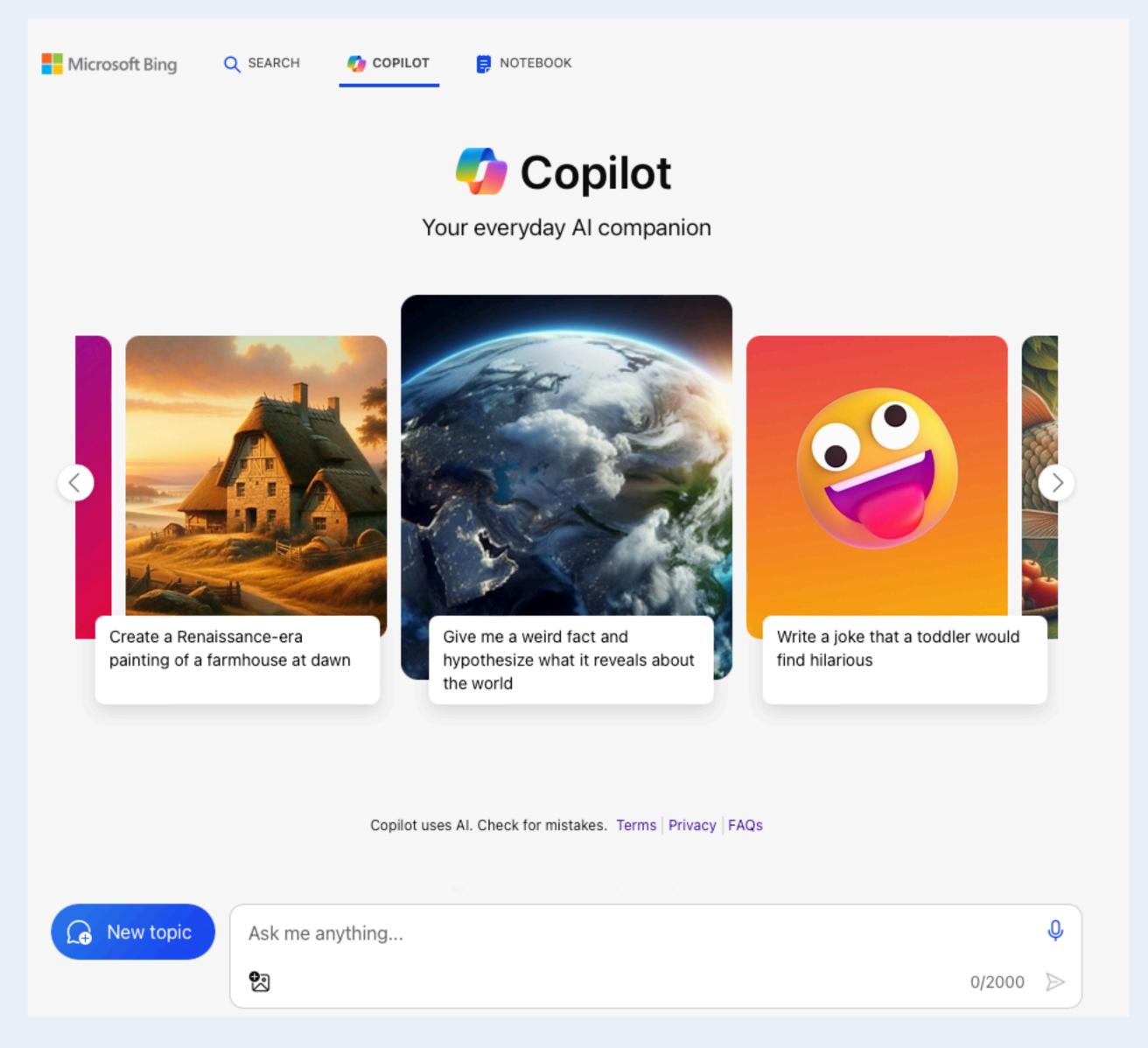


Get an Al-powered overview for this search?



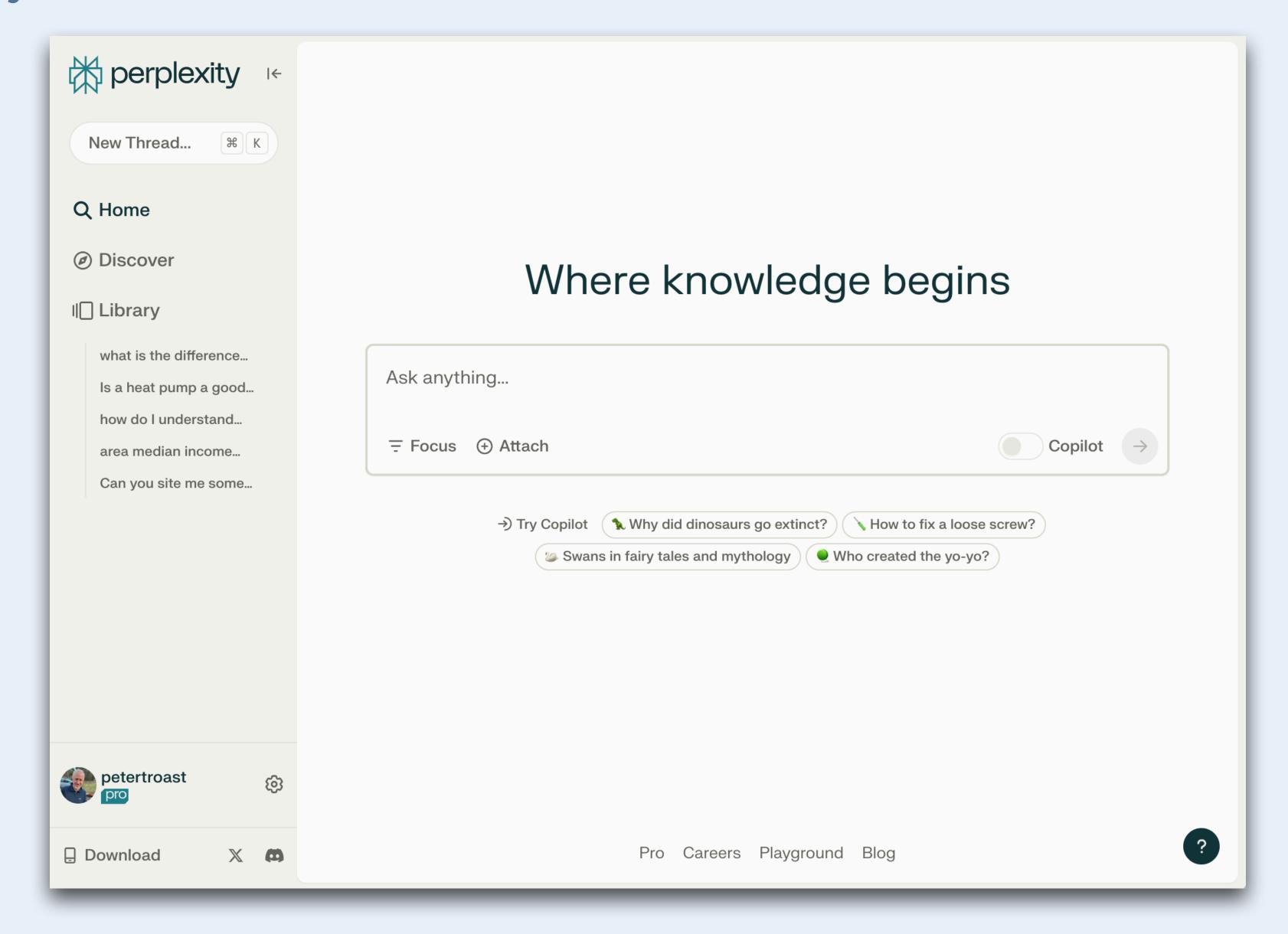
Generate

Microsoft Bing & Copilot





Perplexity





Al'S EVOLUTION TOWARD SEARCH



Simplified Customer Journey to Contractor Selection: Query Types



"Are heat pumps a good idea for my home?"

"How do I find a heat pump installer near me?" "How do I learn more about, and contact, Royal River Heat Pumps?"



Simplified Customer Journey to Contractor Selection: Query Types



RESEARCH

"Are heat pumps a good idea for my home?"

CONTRACTOR FINDING

"How do I find a heat pump installer near me?"

EVALUATION & CONTACT

"How do I learn more about, and contact, Royal River Heat Pumps?"



PREPARING FOR A BRAVE NEW WORLD



What We're Doing

Testing, Trying and Learning Constant Vigilance by the Energy Circle Al Task Force All the Things We Currently Do for SEO & Local but <u>Amplified</u>

- Emphasis on clear, concise, well-structured content
- Heading and subheadings to understand structure
- Keywords, keywords
- High quality, original content
- Technical SEO for accessibility
- Renewed importance of Directories



QUESTIONS?

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