



SAN RAMON VALLEY GENEALOGICAL SOCIETY

ARTIFICIAL INTELLIGENCE SIG

Review and Workshop

Agenda

- Tips
- Few missed items last month
- AI History
- Free/Paid tiers
- ChatBot List
- Good AI Podcasts
- The AI SIG Website
- Recent Developments
- Workshop: What are your uses of AI for genealogy?

Monday, July 28, 2025, 7pm

Bill George SIG Leader

Meeting will be recorded and summarized

AI SIG Website <https://aisig.ancstor.org>

Today's Handout with links



Tips

- How to Reverse Engineer Images
- FamilyTree Webinars has AI Videos category: [FTW URL](#), [AI Webinars URL](#)
- Sneos.com - ChatGPT, Claude, Gemini responses with one entry. [URL](#)
For example "Create a limerick about genealogy"
- Use ChatGPT "Cheat Sheet" [URL](#)
- Matt Wolfe's Future Tools Website [URL](#) and YouTube Channel [URL](#)



Reverse Engineer An Image



"Create a detailed prompt from the enclosed image"



Reverse Engineer An Image

Prompt Result:

A vibrant, hyper-detailed fantasy landscape painting of a tranquil river winding through a lush, rocky forest bathed in the golden light of sunset. The river reflects the warm sky, bordered by moss-covered stones and clusters of wildflowers in vivid reds, blues, and purples. On both sides, towering, twisted trees with fiery red and orange autumn foliage rise dramatically, their gnarled roots gripping rugged cliffs and rocks. In the distance, jagged, snow-kissed mountains rise majestically beneath a glowing, partly cloudy sky, where a few birds soar gracefully. Evergreen pines and dense woodland stretch along the riverbanks, adding depth and texture to the scene. The overall style blends realism with a dreamlike, luminous quality reminiscent of Thomas Kinkade and Bob Ross, with rich colors, soft lighting, and an immersive, serene atmosphere.



Reverse Engineer An Image

Submit the Prompt: Create an image with a vibrant, hyper-detailed fantasy landscape painting of a tranquil river winding through a lush, rocky forest bathed in the golden light of sunset. The river reflects the warm sky, bordered by moss-covered stones and clusters of wildflowers in vivid reds, blues, and purples. On both sides, towering, twisted trees with fiery red and orange autumn foliage rise dramatically, their gnarled roots gripping rugged cliffs and rocks. In the distance, jagged, snow-kissed mountains rise majestically beneath a glowing, partly cloudy sky, where a few birds soar gracefully. Evergreen pines and dense woodland stretch along the riverbanks, adding depth and texture to the scene. The overall style blends realism with a dreamlike, luminous quality reminiscent of Thomas Kinkade and Bob Ross, with rich colors, soft lighting, and an immersive, serene atmosphere.



Reverse Engineer An Image

Resulting Image





Tips

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Missing ChatGPT Features (from last month)

- **Sora** URL
 - Image: Lake Chabot in late afternoon
 - Video: Lake Chabot, Castro Valley, late afternoon with water rippling from a strong wind
- **Projects** - Alvarado History (also alvarado-history.wdgeo.com)
- **Create GPT** - Bill's Genealogy Helper URL



AI History

1940s-1950s: Neural networks conceived (1943), Turing Test proposed (1950), and AI formally named at the Dartmouth Conference (1956).

1960s-1970s: Early chatbots (ELIZA, 1966) and expert systems (DENDRAL, MYCIN) show practical AI applications.

1980s-1990s: IBM's Deep Blue defeats Garry Kasparov in chess (1997).

2000s: Deep learning resurgence (2006) using GPUs and large datasets sparks modern AI growth.

2010s: Transformer models (2017) redefine language processing.

2020s: GPT-3 (2020) drives large-scale AI adoption and diffusion models. **OpenAI releases free-to-use ChatGPT (Nov. 30, 2022).** GPT-4 (2023) brings multimodality (text + vision); GPT-4o (2024) enables real-time multimodal interaction, paving the way for autonomous AI agents and integrated systems (2025+).



Free/Paid Tiers

Most ChatBots have Free Model with most features, but with reduced usage.

\$20/mo

\$200-250/mo

\$5,000/mo

Some allow installing less advanced versions to your computer hardware, so everything is kept local.



ChatBot List

- OpenAI - ChatGPT - More features, good images
- Google - Gemini - Can handle larger documents, good images
- Anthropic - Claude - Better at writing and writing code
- X - Grok - Just came out with "most intelligent" model
- Microsoft - CoPilot - Works with Microsoft Office
- Perplexity - Perplexity - Popular chatbot hybrid search with sources

See also LM Arena Leaderboard URL



Good AI Podcasts

- Steve Little - The Family History AI Show
- The Artificial Intelligence Show
- Matt Wolfe Podcast - has [Futuretools.io](https://futuretools.io)



Review AI SIG Website

<https://aisig.ancstor.org>

Grouped into 3 columns:

- Learning
- Meetings
- Using AI



Recent Developments

- Use in house internet browsers instead of Chrome or Edge
- Agentic AI & Autonomous Actions
Make decisions, click buttons, complete forms,



Workshop

What are your uses of AI?



The End