# San Ramon Valley Genealogical Society

AI SIG Meeting Agenda
Monday, Oct. 28, 2024
**Topic: Images**

Handout
https://aisig.ancstor.org

## Agenda
- Questions from last month
- Tips
- Image Generator Table
- Prompts with images as input
- Prompts with images as output
- Ways to use AI in genealogy
- Informative URLs for images
- Prompt Construction

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## Tips
- Haiper.ai - Animate photos
- ChatGPT Canvas feature - Additional writing help

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| Image Generators | Entities using | Wiki Page | Minimum Cost/ month | Restrictions |
|---|---|---|---|---|
| DALL-E 3 | ChatGPT, CoPilot, X | DALL-E | $20/mo | ChatGPT 2/day CoPilot - Vague |
| Midjourney | Midjourney | Midjourney | $10/mo | No free images |
| Flux | Poe.com, Grok2 | Flux | $12/mo | No free images, Poe has |
| Imagen | Google Gemini (No limits for free account) | Gemini | $19.95/Mo | (no people images, may be slow with complicated images |
| Stable Diffusion | Leonardo.ai, Canva, Meta and others | Stable Diffusion | Canva & Leonardo $10 and up | Open source, utilized by many. Meta.ai will create free images |

*Researched in October, 2024 by Bill George*

*My experience is that you can generate images for free with Microsoft Copilot, Gemini and Meta.AI. ChatGPT states that they allow 2 image generations/day.*

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## Use Images as input
- *Italian Death Record*
- *Several Street Scene Analyses*
- *Analyze Painting to create a prompt*

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## Use Images as output
- *Use Natural Language to form prompts*
- *Generate a detailed painting from created prompt*
- *Create, edit and iterate images*

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## Some informative Image Related URLs

1. Your ultimate guide to writing AI image generation prompts *Aug 2024*
2. 15 Prompts To Generate Better ChatGPT & Dall-E Images *May 2024*
3. How to Create Images with ChatGPT *Apr 2024*
4. Top 25 AI Art Prompt Ideas to Spark Your Creativity *Jan. 2024*

Elements of a Prompt
- Subject
- Description
- Style/Aesthetic

Also
- Subject
- Action
- Environment
- Lighting
- Mood
- Composition

## How Genealogy Can Make Use of AI

- Handwritten text recognition
- Translation between languages
- Summarizing information
- Transcribing text from audio
- Source Recommendations
- Reforming data into tables
- Interpreting text and objects from images
- Generating images from spoken or typed words
- Create timelines
- Coding Assistance, Custom scripts to do custom retrieval or analysis
- Help formulating text