

CTE Instructional Innovations Week

AI Image Generation Workshop

What makes a good AI prompt?

Good prompt generation involves the task of both understanding the database that you are working with and adding specificity to your text prompt. Text-to-image AI can only generate something that it has an extensive database for and it cannot generate if the model does not know what you want, so it's important to be specific.

AI Image Generation Prompt Structure

The following is the general structure of a prompt. Different models have different structure techniques but Bing AI and Dall-E are the simplest. Simply describe what you want to see.

- Begin with your style (realistic, oil painting, vibrant, futuristic, ect)
 - Describe the scene. (castle, metropolis, univeristy, ect)
 - Define the weather (sunny, night, winter, ect)
 - Illustrate what or who is in your scene (cat, goose, people, ferris wheel, ect)
 - Assign adjectives and colours (black, big, happy, bored, ect)
 - Describe what is happening (people walking, goose flying, kids playing, ect)
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Prompt Tips

The following is a list of some general tips for prompt generation.

- Using specific words/ technical terms/ key terms in the AI generator
- Using specific angles and point of view
- Using commas to separate words
- Use description words to be more specific (don't be vague)
- Being careful with the words you choose – e.g. 'colourful' may not look realistic
- Start concise and build upon initial prompt
- look for synonyms if something doesn't work ('streetcar' vs. 'Tram')
- Specifying building features will yield a better building ("windows")
- Individual phrases can be big, just break up separate ideas
- Abstract [planning] Ideas don't work great. Try to explain in visual terms
- Include "exclusionary prompts (e.g. "no cars")