

Hi, ChatGPT! I could use your help in prompting for image classification using CLIP. I'll begin by sharing one set of top-performing prompts and another set that doesn't perform as well. After reviewing them, could you suggest a better prompt based on the patterns you spot?

The prompts that work well are:

- "A high-quality image of a {}"
- "A high resolution image of a single {}"
- "An image of a {} surrounded by a background"

The prompts that don't work well are:

- "{} in leather jackets and masks are staring at something."
- "The crescent moon is on the {} of a novel."
- "A painting of soldiers marching in {}."

Certainly. How about 'A high-quality image of a {} surrounded by a plain background'?

Great! The performance now improves to 86.69%. Could you suggest an even better prompt?

Thank you! You can try 'A high resolution image of a single {} on a plain background'.

Unfortunately, the performance of this prompt drops to 85.45%. Could you give it another shot?

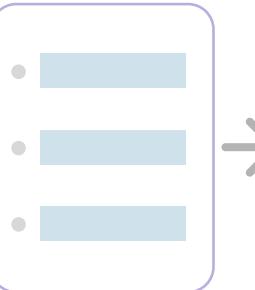
Sure. How about 'A high quality image of a singular, isolated {}, on a neutral background'?

Great! The performance now improves to 88.32%. Could you suggest an even better prompt?



Cat Dog Pig

Prompt



Black-box
Vision-language
Model

Output

Positive

Negative

ChatGPT Output

VLM Output