

Image Synthesis: Exercises

Using Stable Diffusion web (<https://stablediffusionweb.com/#demo>) or another image synthesis tool:

1. Generate images related to an occupation such as doctor or teacher.
 - Are people of certain genders, ethnicities, and ages represented more than others?
 - Based on what you know about how image synthesis models work, why might this happen?
2. The style of particular artists can be emulated using particular prompt inputs. This lists many artists represented in Stable Diffusion: <https://supagruen.github.io/StableDiffusion-CheatSheet/>
 - Choose an artist and craft your own prompt to create images in their visual style.
 - How do you think that artist would feel about the image you've created? Would they likely be enthusiastic, upset, indifferent, or something else?



Figure 1: coffee cup in the style of andy warhol

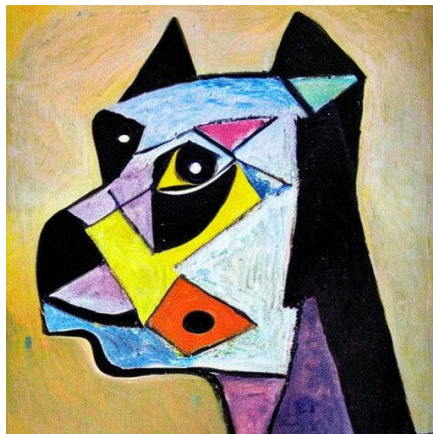


Figure 2: dog in the style of pablo picasso