

To run this project, ensure that you have PyTorch installed. You can install it by using this command: `pip install torch torchvision torchaudio`. You can also activate the virtual environment I am shipping this project with to run the project; it includes everything needed to run the project.

Also, to make this project compile faster at the start of the code (line 22), I did `device = torch.device("mps")` to activate the GPU; if you are not using an Apple Silicon environment, please change this accordingly. For example, for NVIDIA GPUs, please change `"mps"` to `"cuda"`.