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In the final project, after discussing the proposal with my groupmates, I am the person who write the function for pre-proposing the data. Pre-proposing data is changing the RGB picture to gray scale, this is to reduce the training cost because sketch graph is based on the gray scale, and translating and simplifying the data before is more efficient. Then, I set up the training data from the translated database by loading the dataset to Pytorch. I write the training process to training the generator and discriminator. Then calculate the Wasserstein Matric to measure the progress of our processing. I use the model set up by Shengquan to train the data. The astimated number of epochs is around 300 to 400 times. When training the data, the strategy I use is to print the loss of every 10 epochs firstly, and then save the parameters for models every 100 epochs. This is to help visualize the milestones of our training process. Then I send the result to Shengquan, and then he updates the model and sends them to me again. For the final report, I write the chapter talking about part 6: experiments and evaluation. In this part, I list the hyperparameters we used and the result of 3 types of the generator and their loss. Also, I write part 5: software in the report. I discussed the functions we wrote and their utilities in our project. I also discussed explain what functions we are referring to and explain their usages, including what third party libraries we are importing with their names listed in the report.