Readme

1. We must first design a sequential Keras model that builds a layer stack.

2. Then, use MNIST data to train the model, then save it as "model\_train" in the "Main.py" file.

3. After loading ‘model\_train’, run the "project.py" in VScode to start making predictions using this trained model.

4. A prompt will show up requesting your input for saved or live video.

5. The saved video is " Govind\_Chennu\_testing.mp4". The model will process the video and output it as "processed\_video\_output.avi" with recognized digits.

6. Instead of option 1 you can choose option 2 which takes live video input from the webcam, process the video recognizes the digits, and saves it as “webcam\_live\_output.avi”.

7. All the output videos are stored in the created environment ‘project’.