Step 1: Installing

Install dlib. Command : pip install dlib

Install imutils: pip install imutils

Install face\_recognition : pip install face\_recognition

Step 2: Create a folder in “your name” in dataset folder.

Step 3: Run command python build\_face\_dataset.py --cascade haarcascade\_frontalface\_default.xml \--output dataset/Bhoomika

Step 4: python encode\_faces.py --dataset dataset --encodings encodings.pickle

Step 5: python recognize\_faces\_image.py --encodings encodings.pickle \--image examples/example\_01.png

Your face is recognised. Now use this image in verify.py to verify.

For video repeat all steps till step 4. Then run python recognize\_faces\_video.py --encodings encodings.pickle --output output/webcam\_face\_recognition\_output.avi --display 1

Face recognition:

