README.md

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## Data (demo)

./female\_demo/

./male\_demo/

./shape*predictor*68*face*landmarks.dat/shape*predictor*68*face*landmarks.dat

## Detect landmark

Detect 68 landmark from picture using 0*face*landmark\_detection.py

Result\_files:

'./female\_demo/\*.jpg.txt/'

'./male\_demo/\*.jpg.txt/'

python 0\_face\_landmark\_detection.py ./shape\_predictor\_68\_face\_landmarks.dat/shape\_predictor\_68\_face\_landmarks.dat ./female\_demo # python 3.6.7

python 0\_face\_landmark\_detection.py ./shape\_predictor\_68\_face\_landmarks.dat/shape\_predictor\_68\_face\_landmarks.dat ./male\_demo # python 3.6.7

## Face average

Using 1\_faceAverage.py

Result\_files:

'./female*demo*result\_faceAverage\*'

'./male*demo*result\_faceAverage\*'

python 1\_faceAverage.py # python 2.7

## Reference

https://www.learnopencv.com/average-face-opencv-c-python-tutorial/

http://dlib.net/face*landmark*detection.py.html