

Model	Dataset	Approach on pretrained convent & comment	Accuracy on Test Dataset
VGG16	face_shape_one	Fine Tuning the layers. I retrained the last 4 layers of the convolutional base.	43.99%
Inception V3	face_shape_one	Fine Tuning the layers. I retrained the last 61 layers of the model, which is the last two inception blocks.	34.00%
Mobile Net	face_shape_one	Fine Tuning the layers. I retrained the last 9 layers of the convolutional base.	41.99%
VGG16	face_shape	Feature extraction	49%
Mobile Net V2	face_shape	Feature extraction	40.29%

(This dataset is too big to upload to github)

Face_shape contains:

3000 images for training

1000 images for validation

1000 images for testing

Face_shape_one contains:

400 images for training

50 images for validation

50 images for testing