

Team: | >\_ SpeedOut

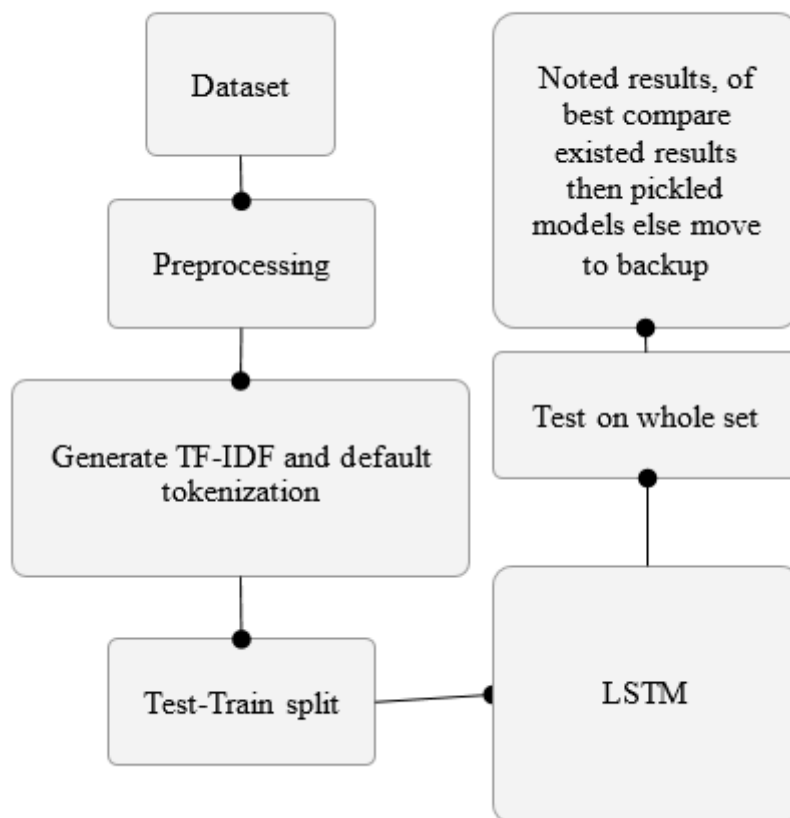
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### Objective:

Image classification is a complex procedure which relies on different components. Image classification is the task of categorizing and assigning labels to groups of pixels or vectors within an image dependent on particular rules. Meaning that, our deep learning and machine learning algorithm will be able to detect which nationality (south asian, indian, east asian , caucasian etc ) the person from the image belongs to.

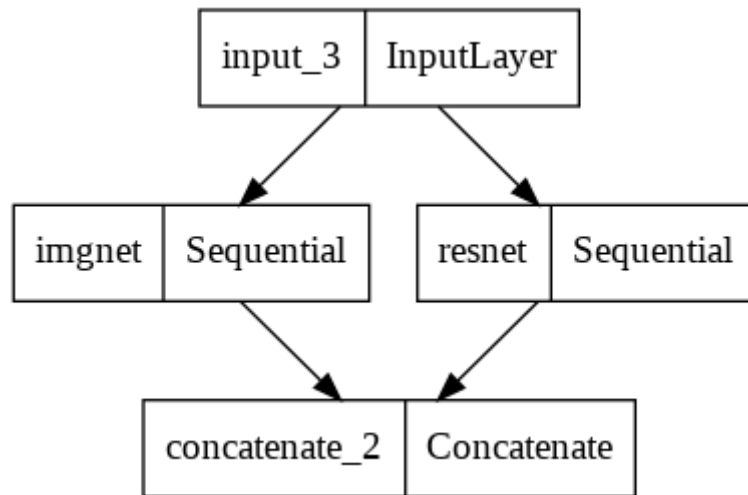
### Probable Methodology:



We take an image as an input

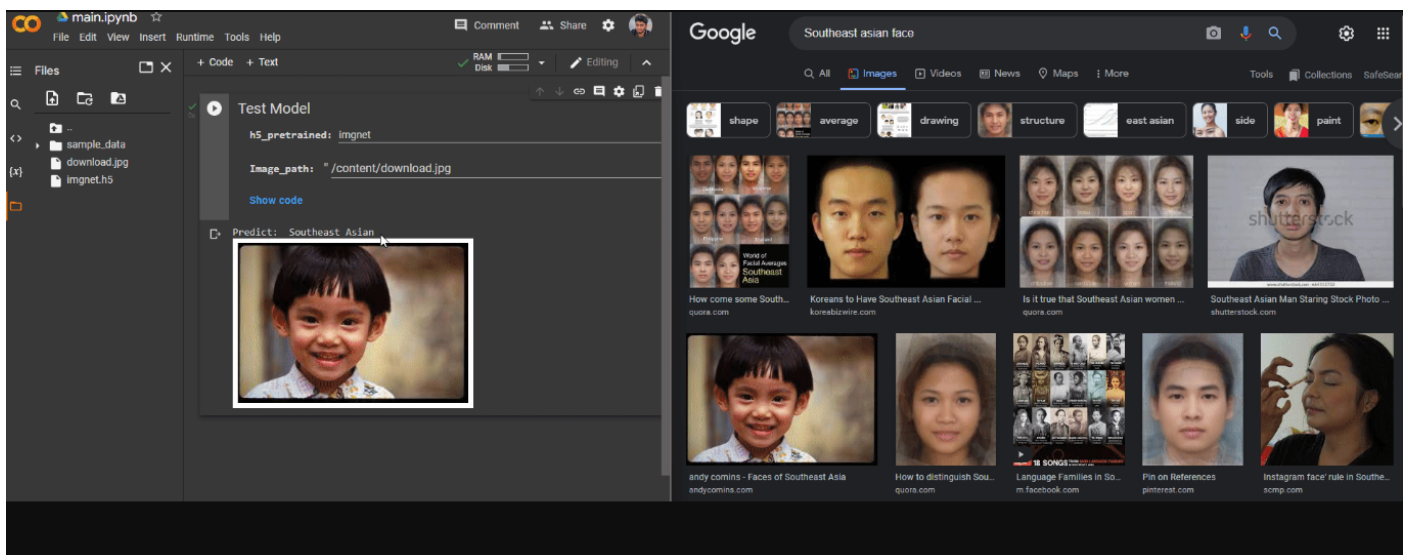
We have trained our model in a pretrained model : InceptionV3 (imagenet), Resnet(imagenet), **InceptionV3**

WE combine these models (resnet & imagenet)



5. Now we test the data on our whole dataset

6. Based on the result, we compare existing results and keep the best result, delete all others and clear our cache.



### Novelty of Image classifier:

1. We can use our image classifier model in a visual search engine
2. We can use our model to increase security in infrastructures.
3. In visual learning & visual listening
4. In image recognition
5. We can use it to guess nationality of a deceased person
6. To detect criminal identity