

Face Mask Detection Using Transfer Learning techniques

Step 1: Stored Face Mask Dataset on GDrive

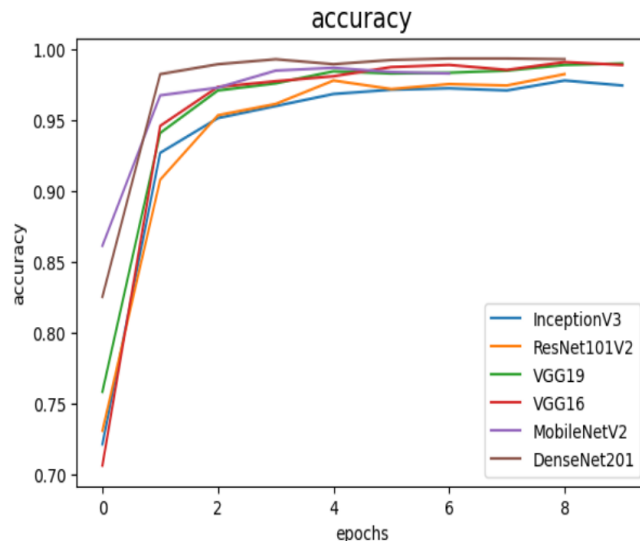
(<https://drive.google.com/drive/folders/1xN52n1Ucrx54WZslc8ZCY8H61g1dfU-J?usp=sharing>)

Step 2: Used Google Colab to write codes

(https://colab.research.google.com/drive/1vIO_6SfxruR2FxUDwBzUkl89gwWbN0PT?usp=sharing)

- First, I mounted GDrive on Google Colab.
- Imported required libraries.
- Data Visualization.
- Image processing.
- Initializing the Transfer Learning models.
- Creating the Neural Network.
- Compiling and Fitting the model.
- Graphical representation of Accuracy and loss.
- Accuracy on Test data.
- Comparison Of models.

Step 3: Results



	Nets	Accuracy
0	InceptionV3	0.996976
1	ResNet101V2	0.996976
5	DenseNet201	0.990927
4	MobileNetV2	0.978831
3	VGG16	0.970766
2	VGG19	0.934476

Step 4: Explanation video

(https://drive.google.com/file/d/15m_s9AfbxQkIptGopg9kfNtेशG4Z_0d/view?usp=sharing)