

1. 1000 dog and 1000 cats images in training folder
2. 500 dogs and 500 cats images in validation folder.
3. Models tried - simple CNN, Resnet ,VGG16
4. Epochs run - 40
5. Weights freezed(non-trainable) for Resnet and VGG16 Fine Tuning- upto the conv layers.
6. Weights were trained for new layers only added after the conv layers.
7. Adding more layers resulted in overfitting and poor validating accuracy for resnet.
8. Finally, tried with adding a dense layer of 1 neuron at the end of VGG16 which gave 87% validation accuracy.