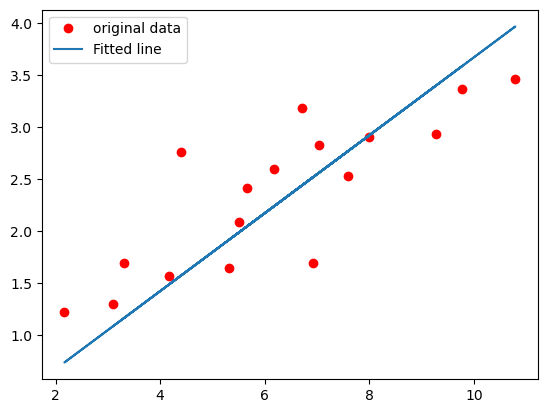
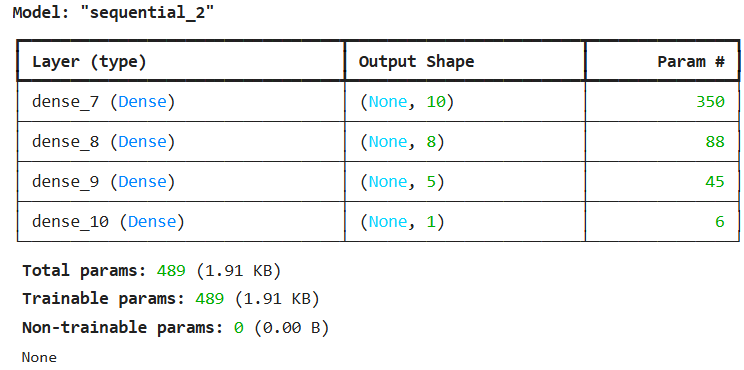
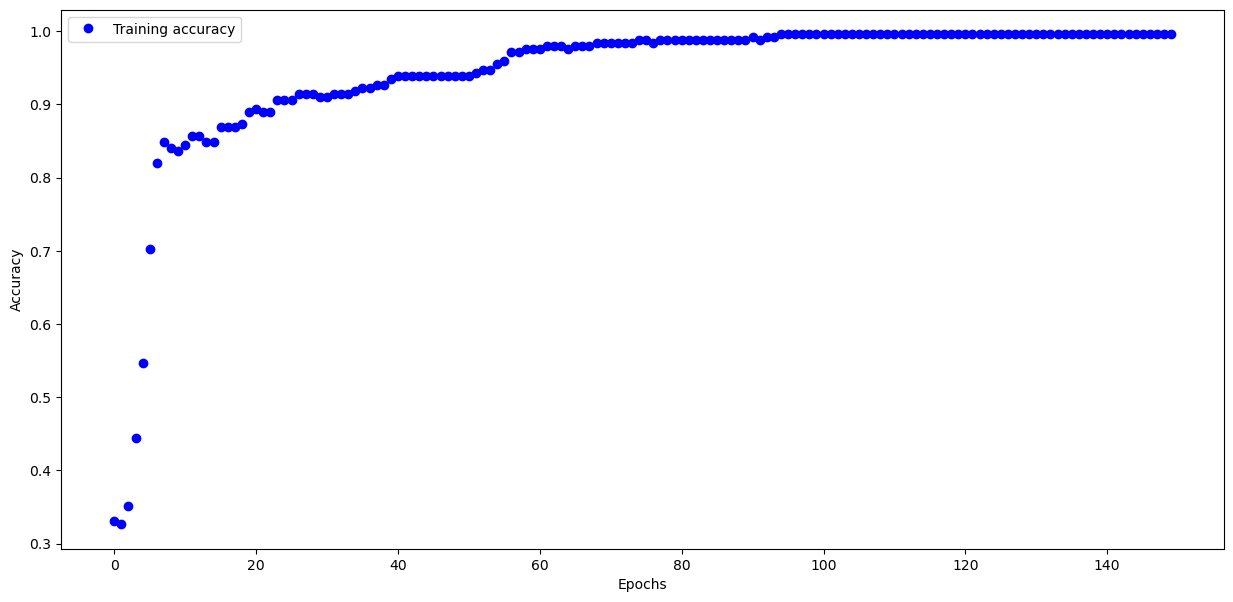
LAB Logbook

Lab 1



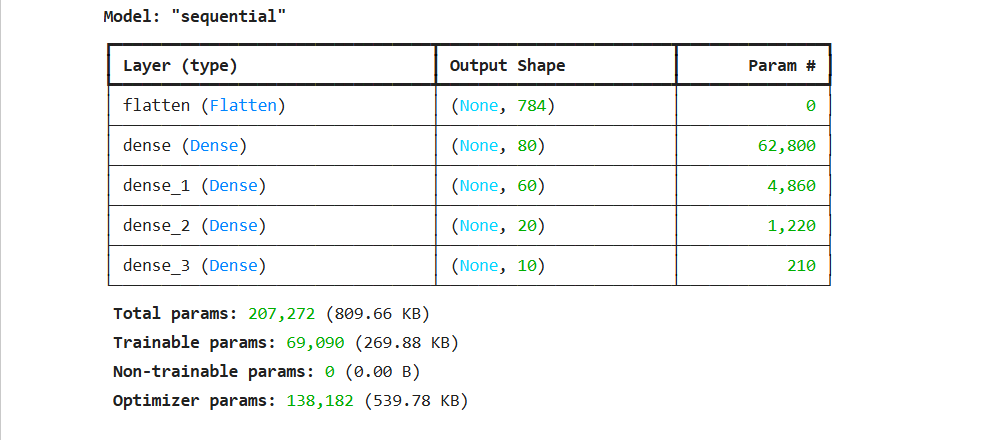
Lab 2

0.96



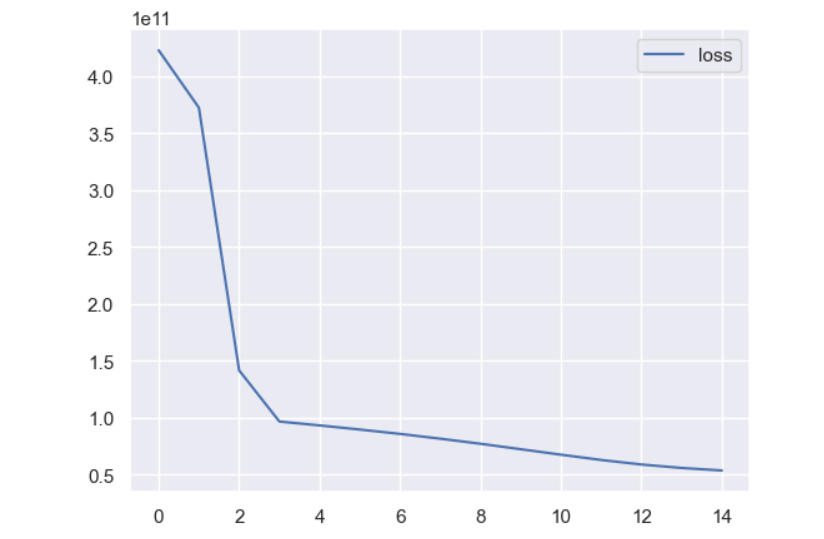
Lab 3

Test accuracy: 0.8855999708175659

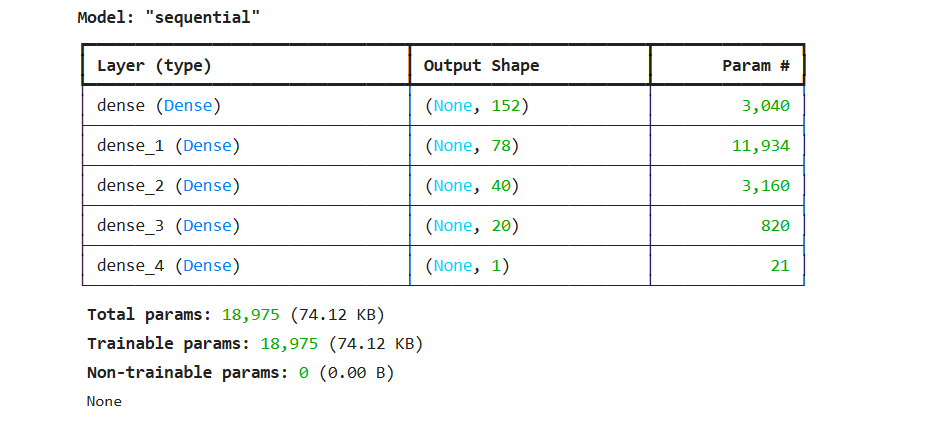


Lab 4

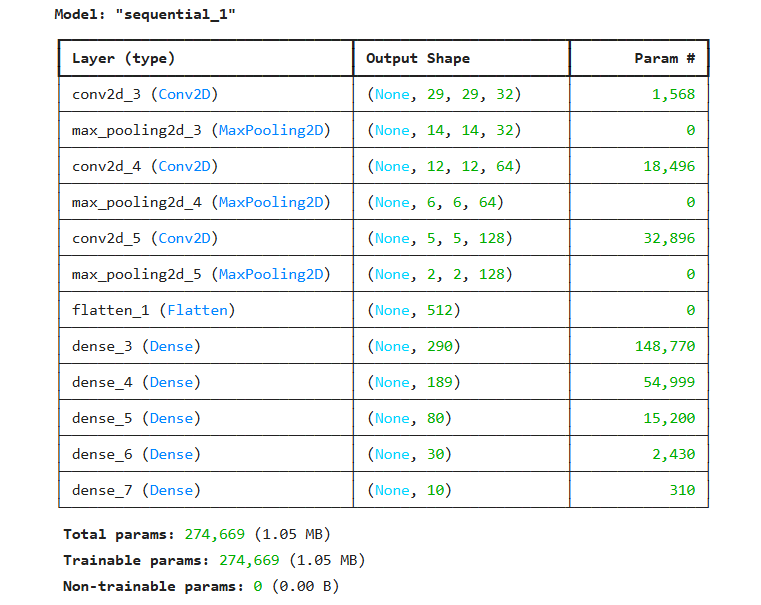
Model’s loss after every epoch

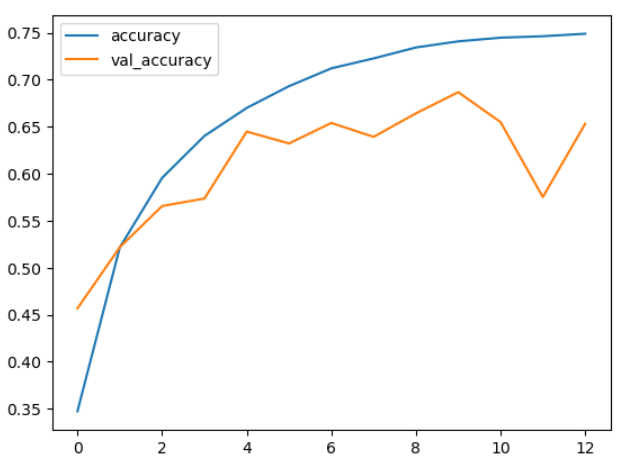


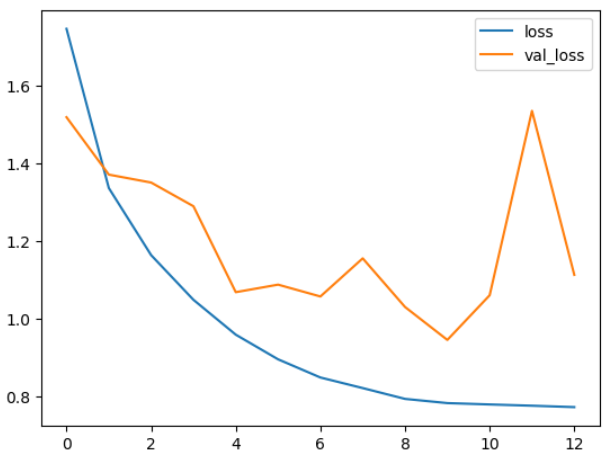
Model summary



Lab 5

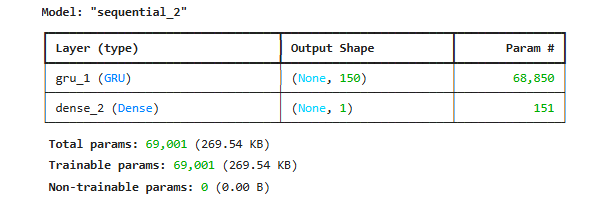




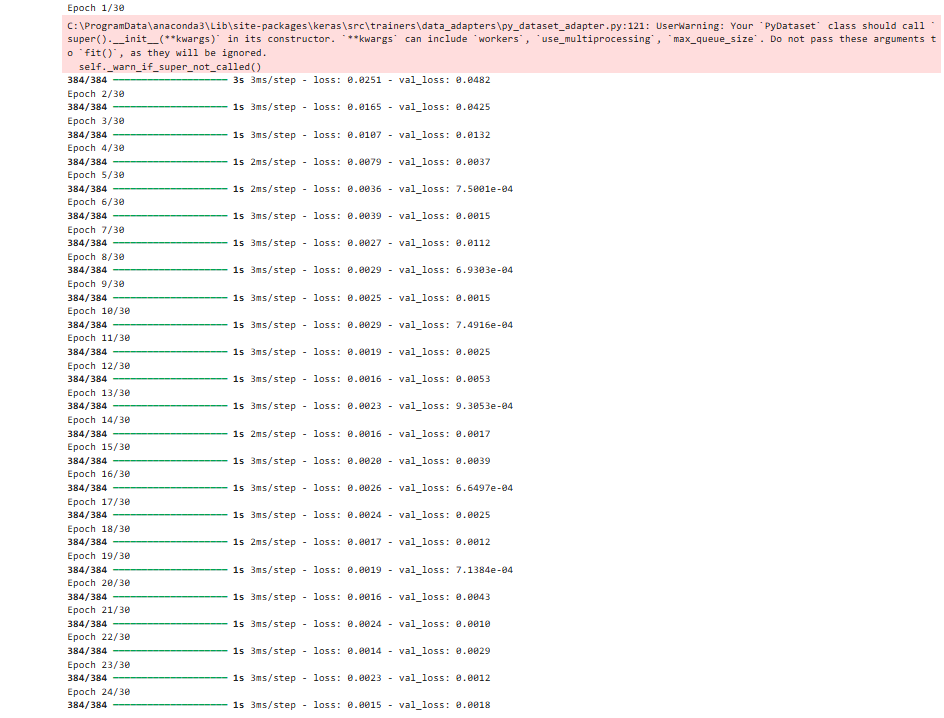


Lab 6

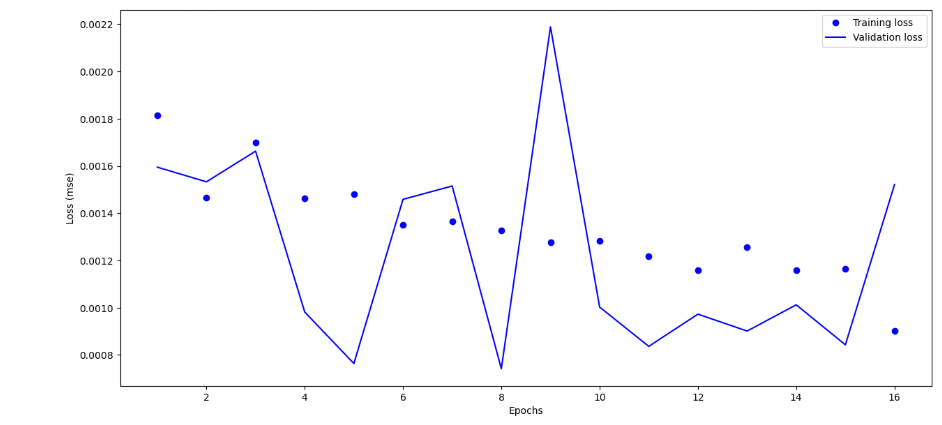
*\*Plot of the 2nd model's summary*



*\*Copy of early-stop code and history\_2 fit-training-process*



*\*Plot of validation and test loss of history\_2*

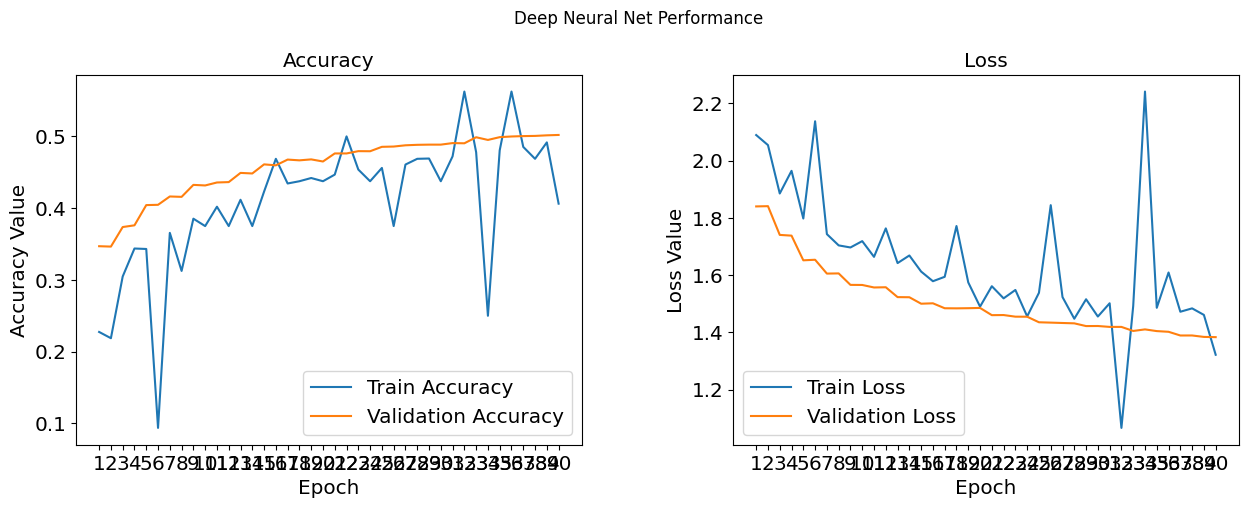
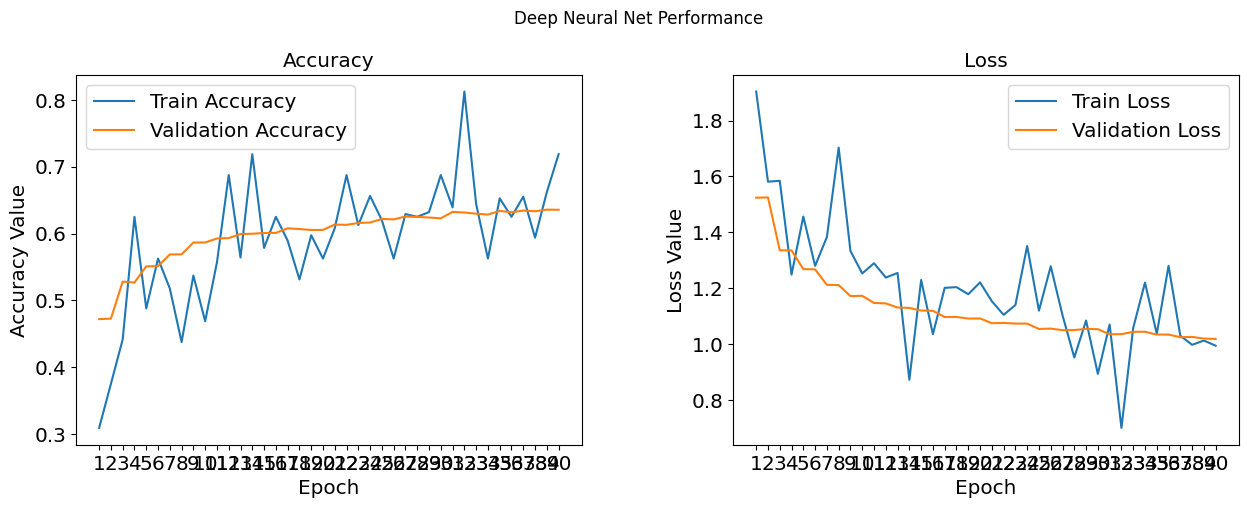


*\*The optimal number of epochs for training model*

Ans : 4

Lab 7

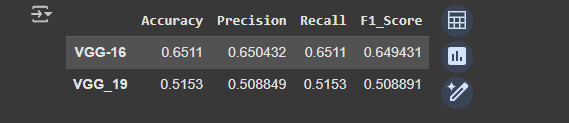
#Graphs for Accuracy and Loss Function for VGG16 and VGG19 (4 graphs in total)



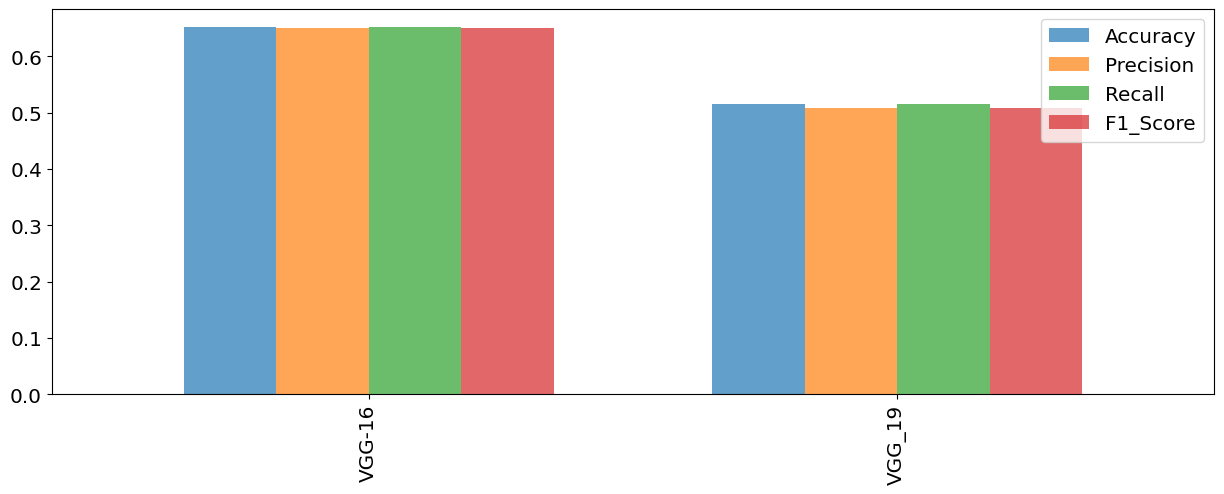
#The optimal number of epochs for training your VGG16 model

Ans:25

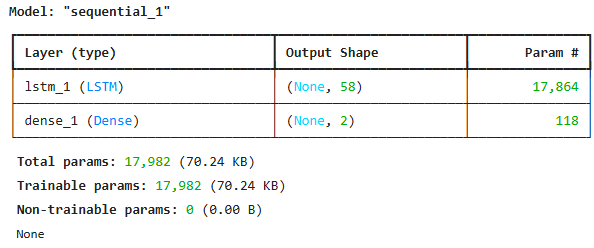
#The final Performance Table

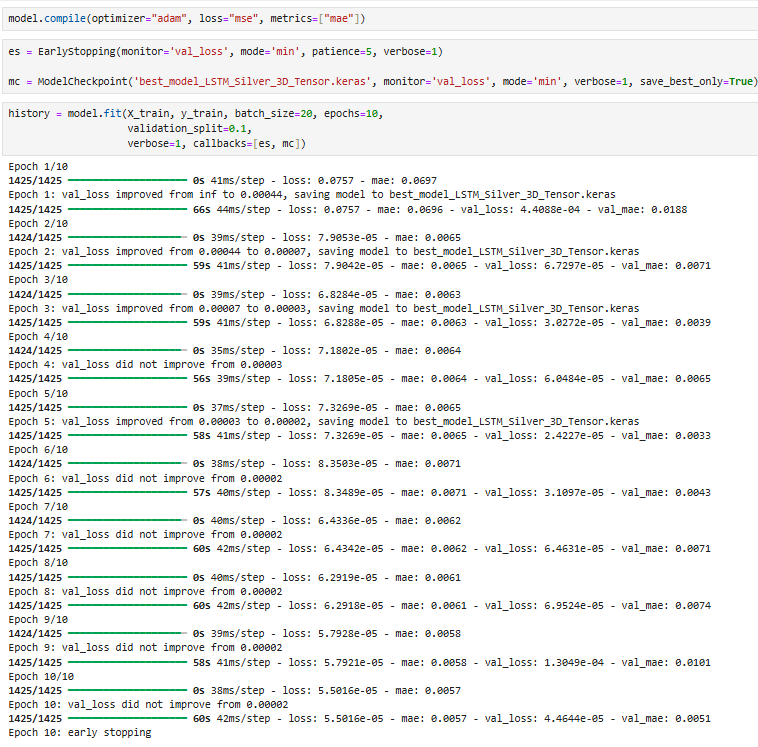


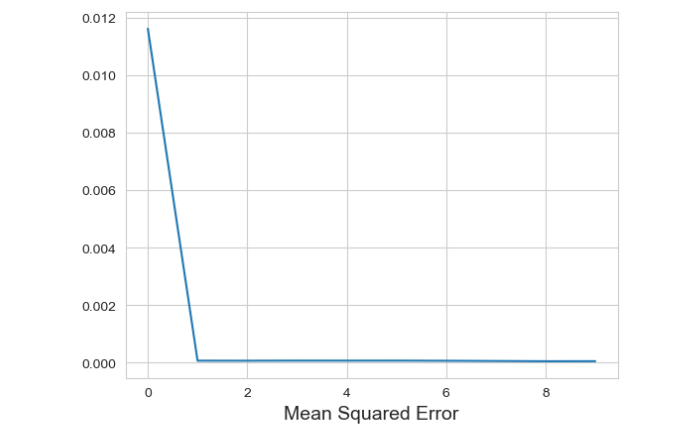
#The performance comparing histogram of VGG16 and VGG19

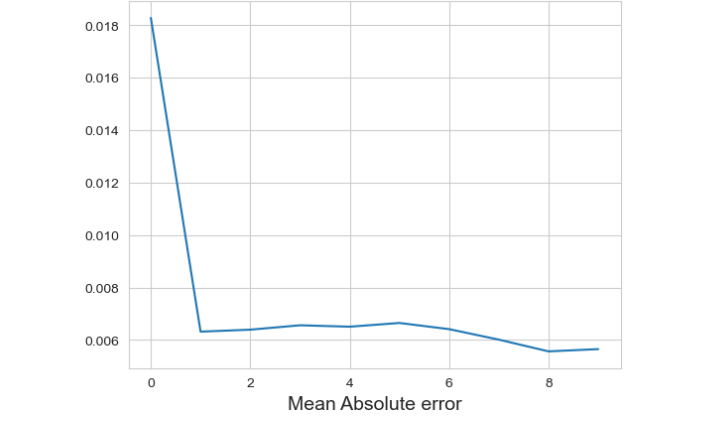


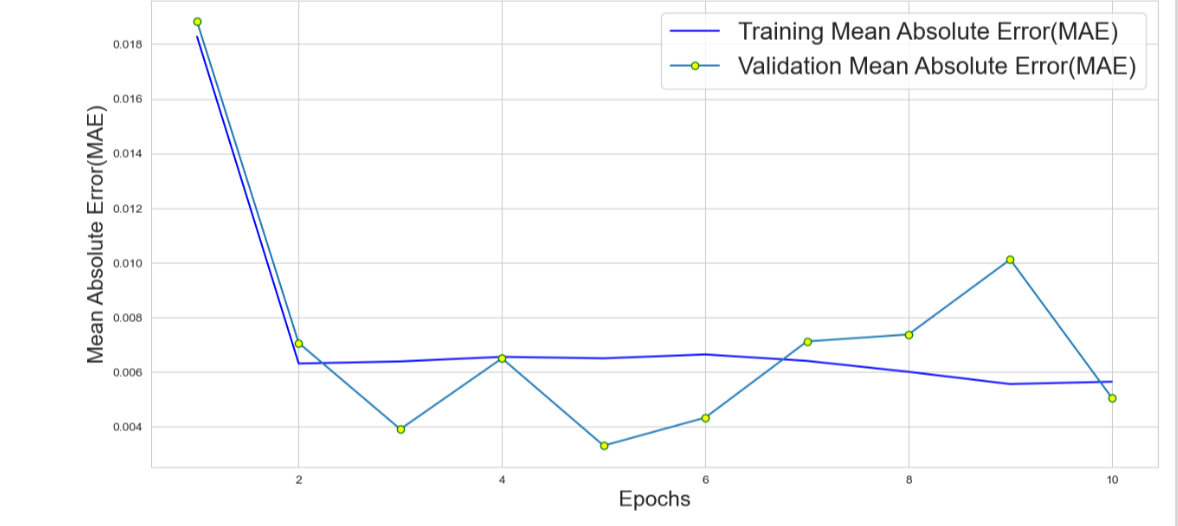
Lab 8



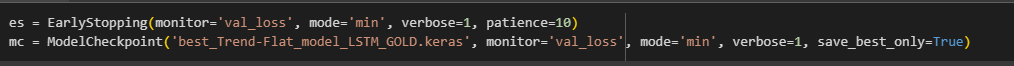


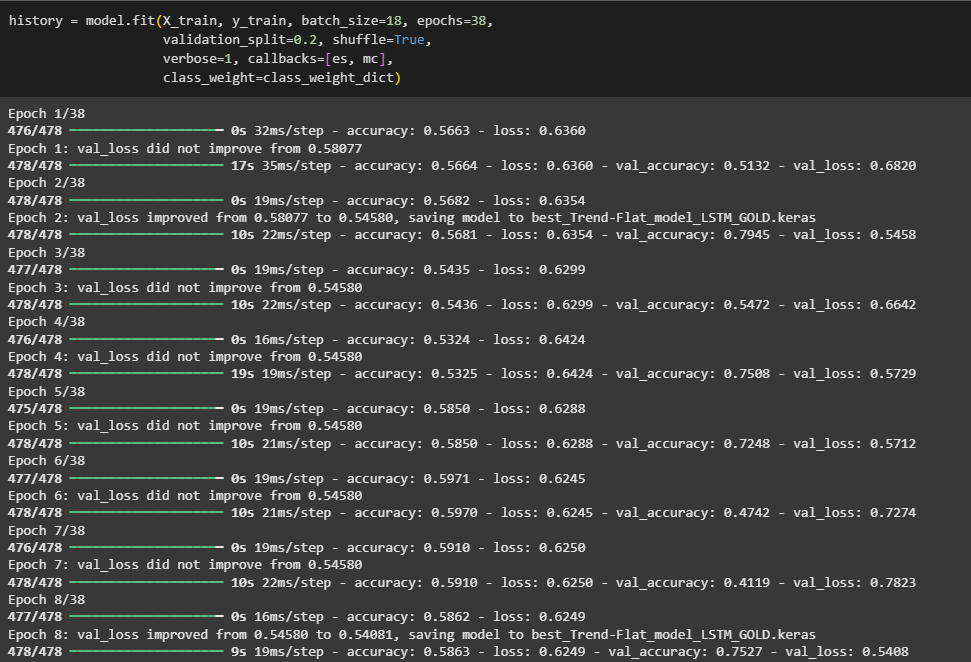


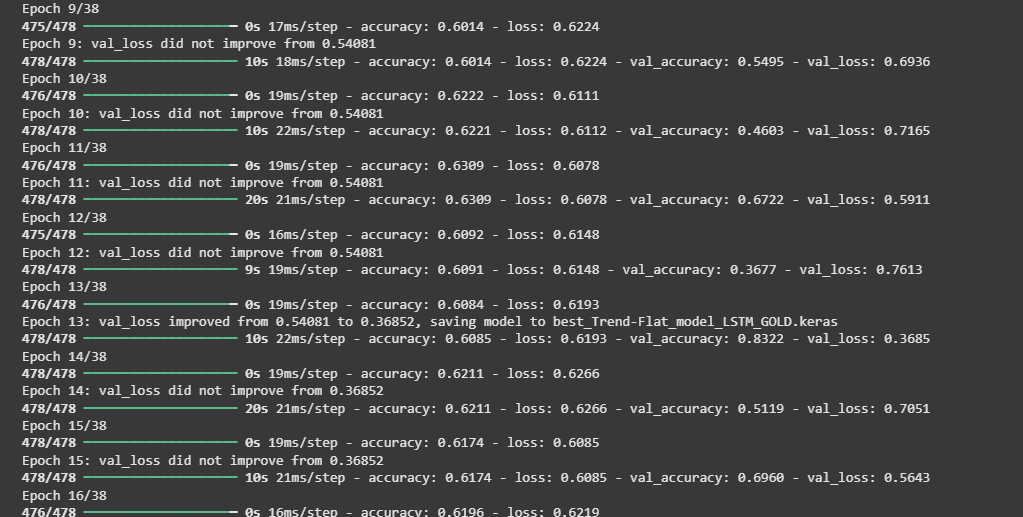


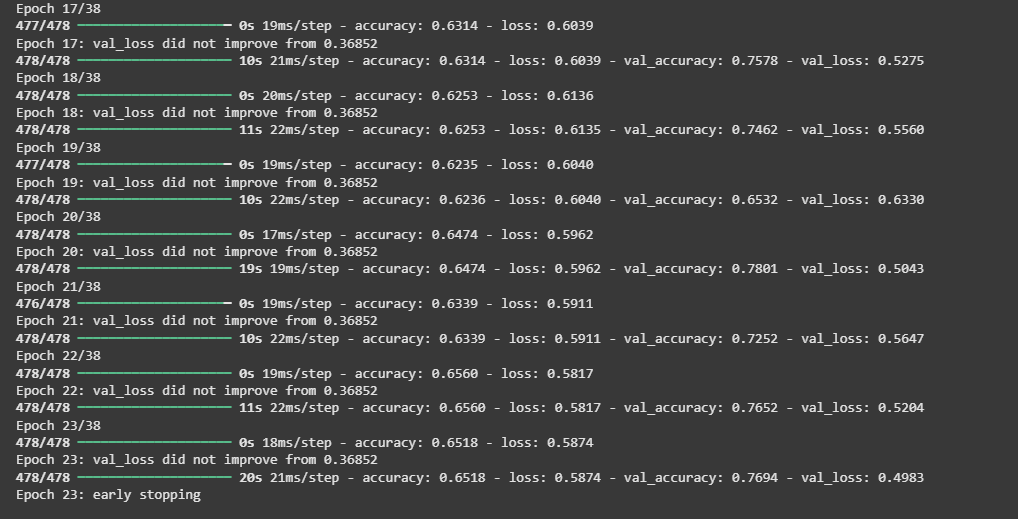


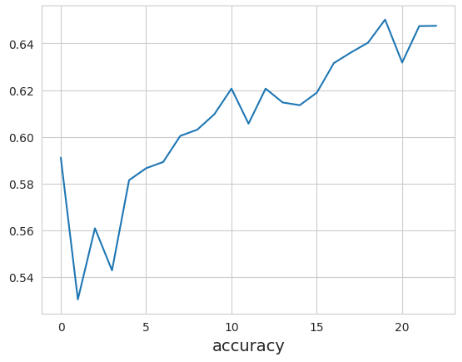
Lab 9

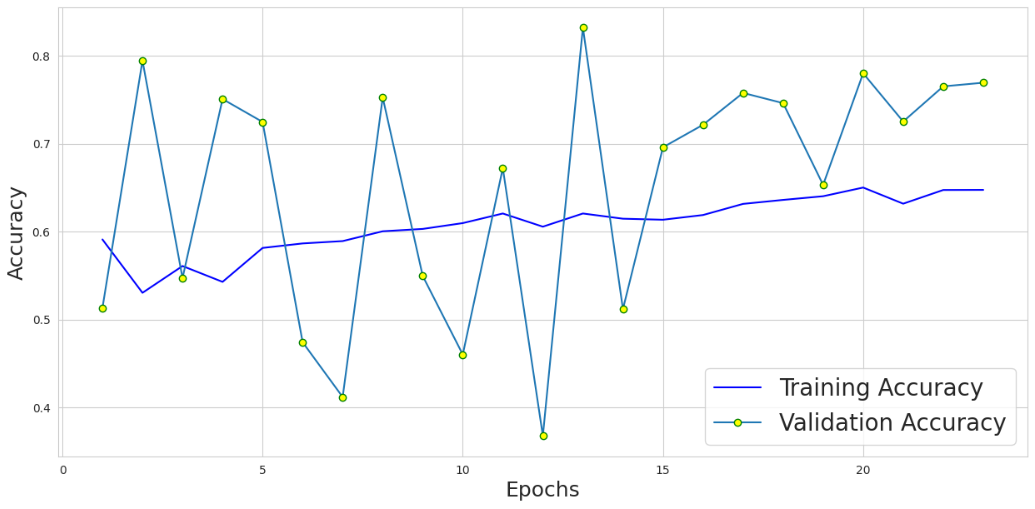


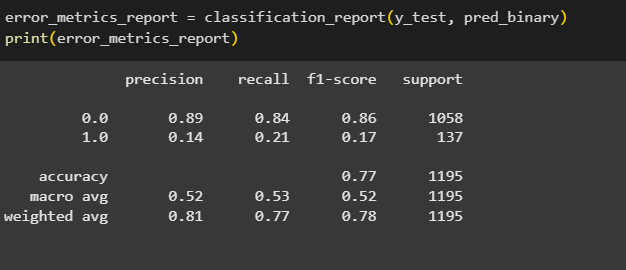












Lab 10

Lab 11

Lab 12