LAB Logbook

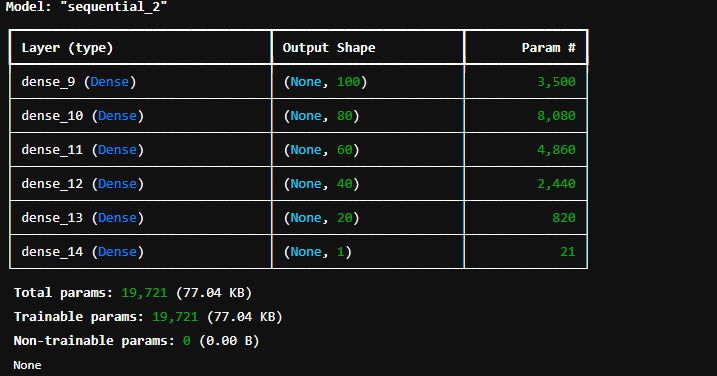
Lab 1

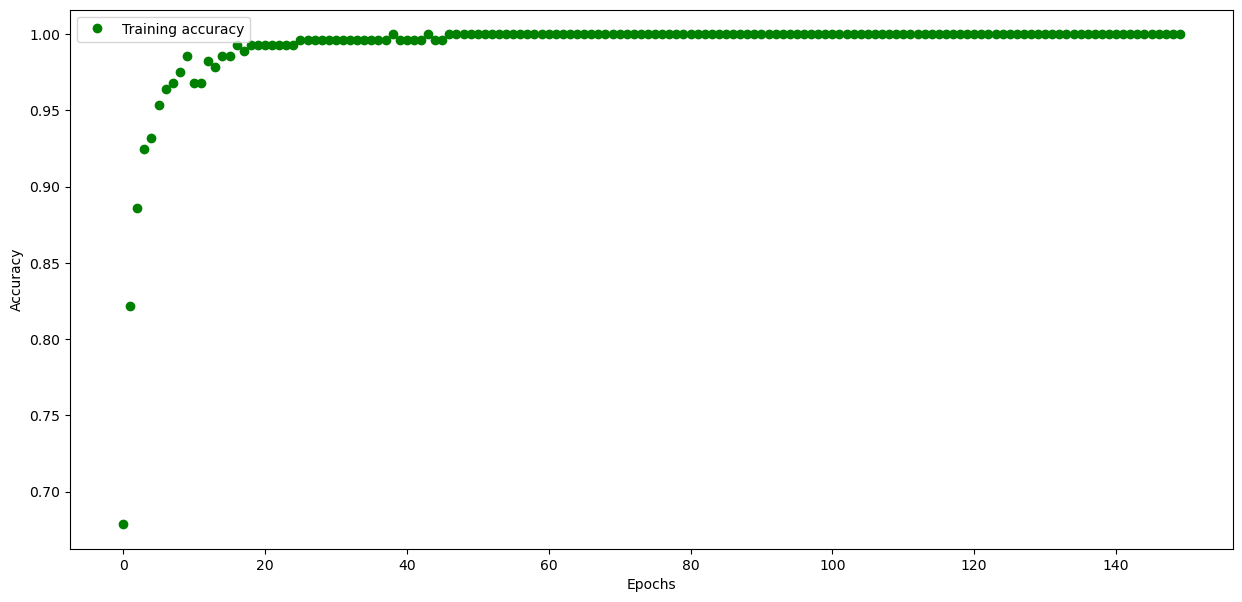
A graph with red dots and a blue line

Description automatically generated

Lab 2

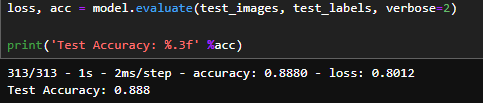
Accuracy = 0.92

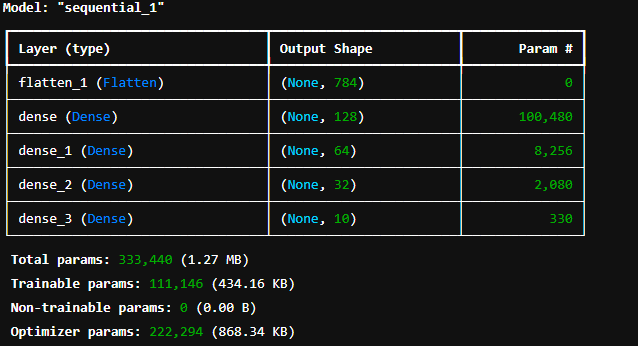




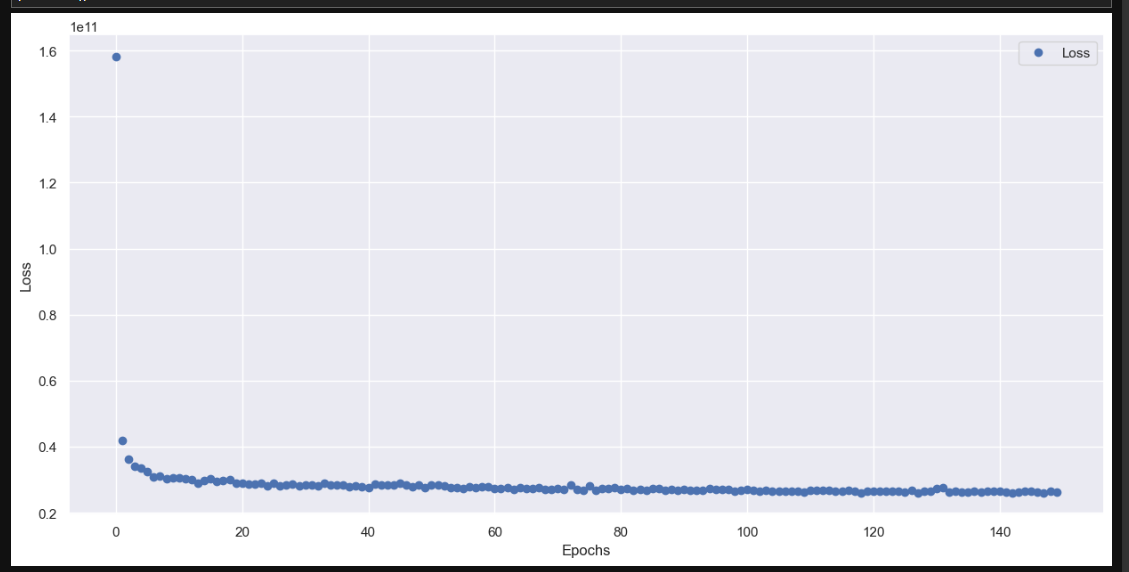
Lab 3

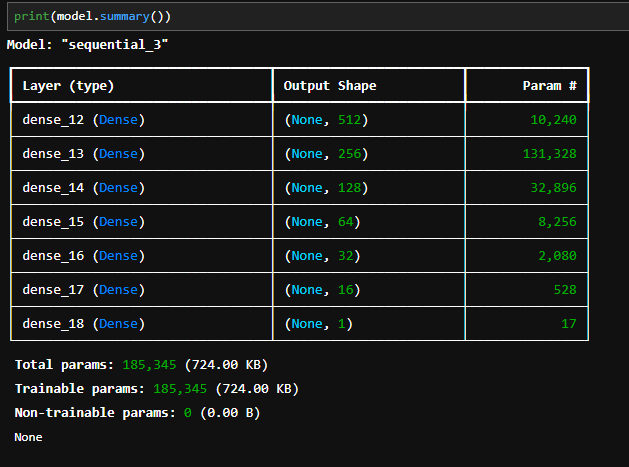
Accuracy = 0.888

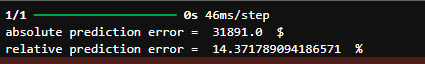


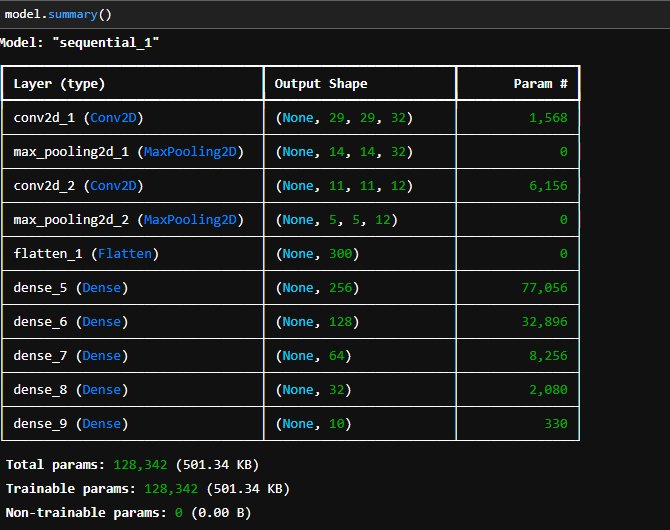


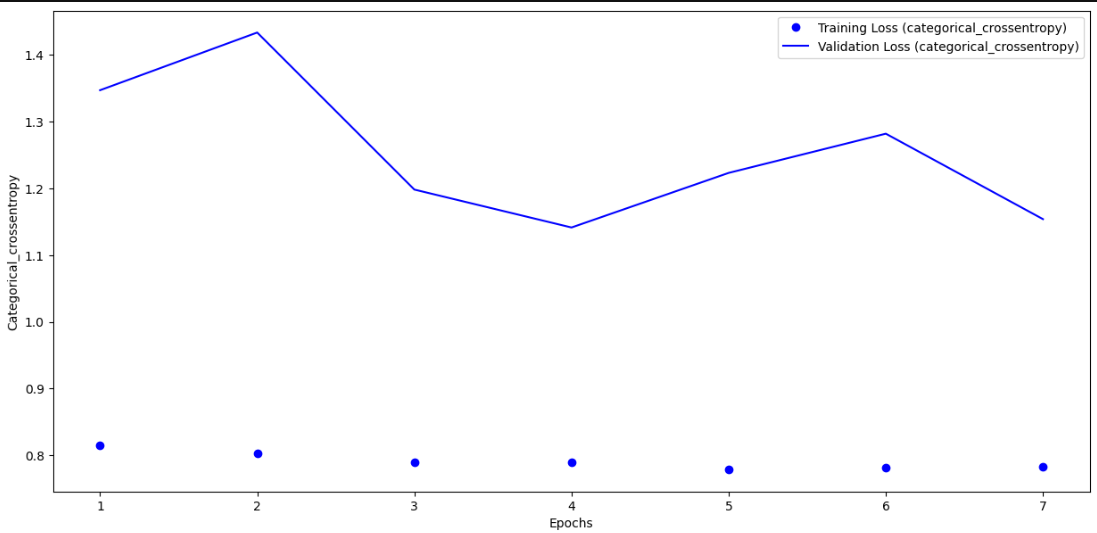
Lab4

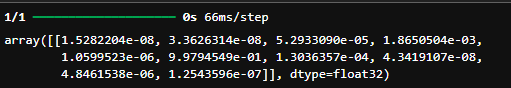


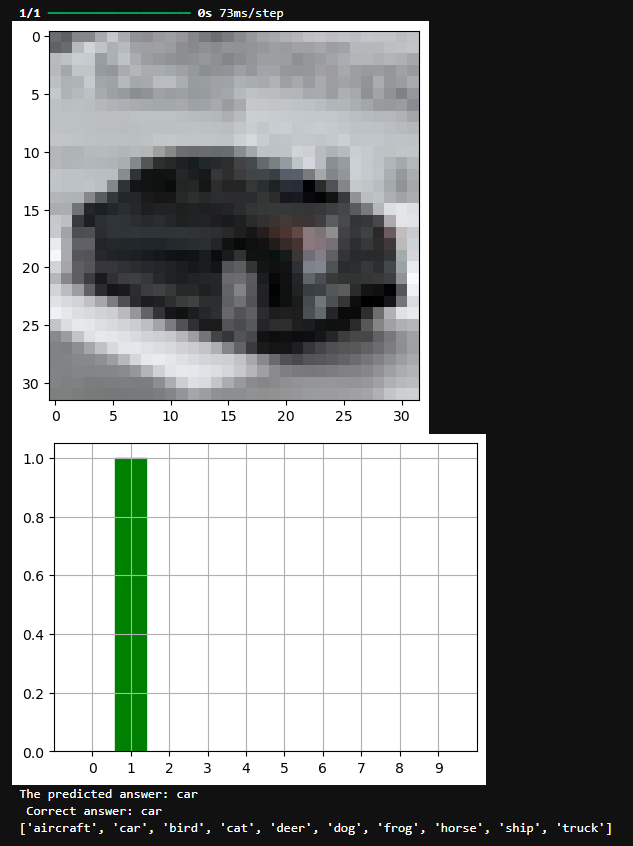




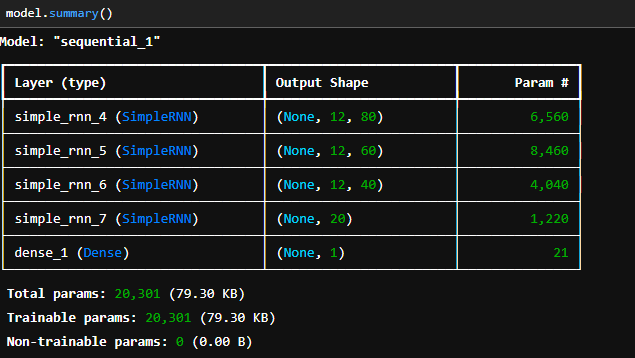
Lab5

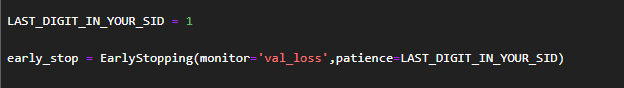


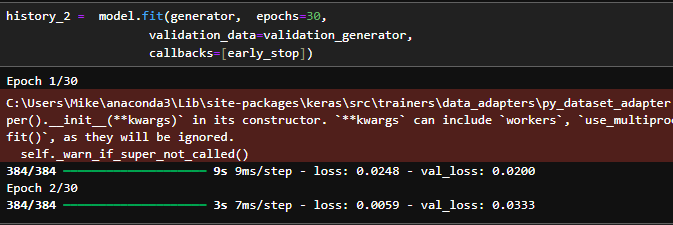


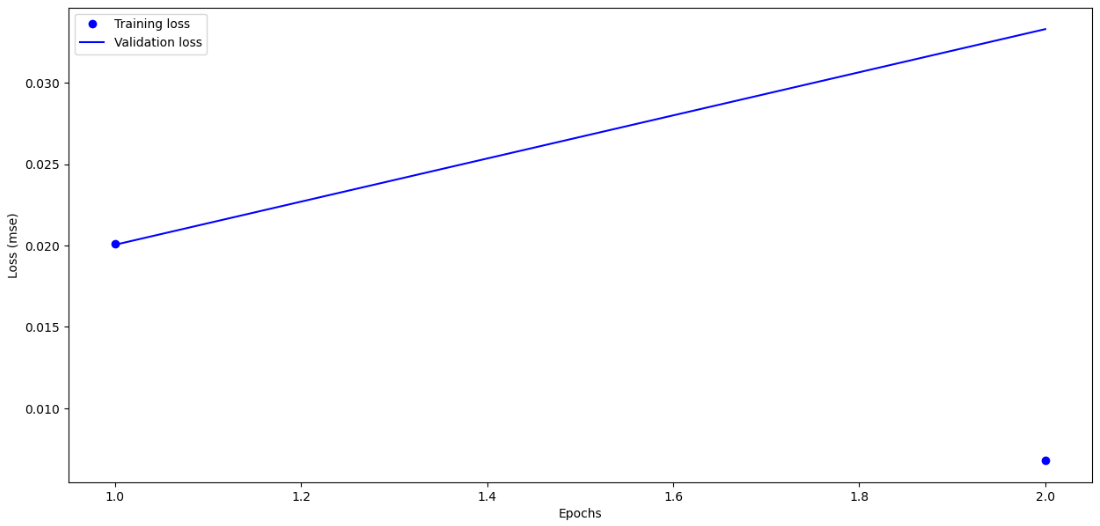


Lab 6



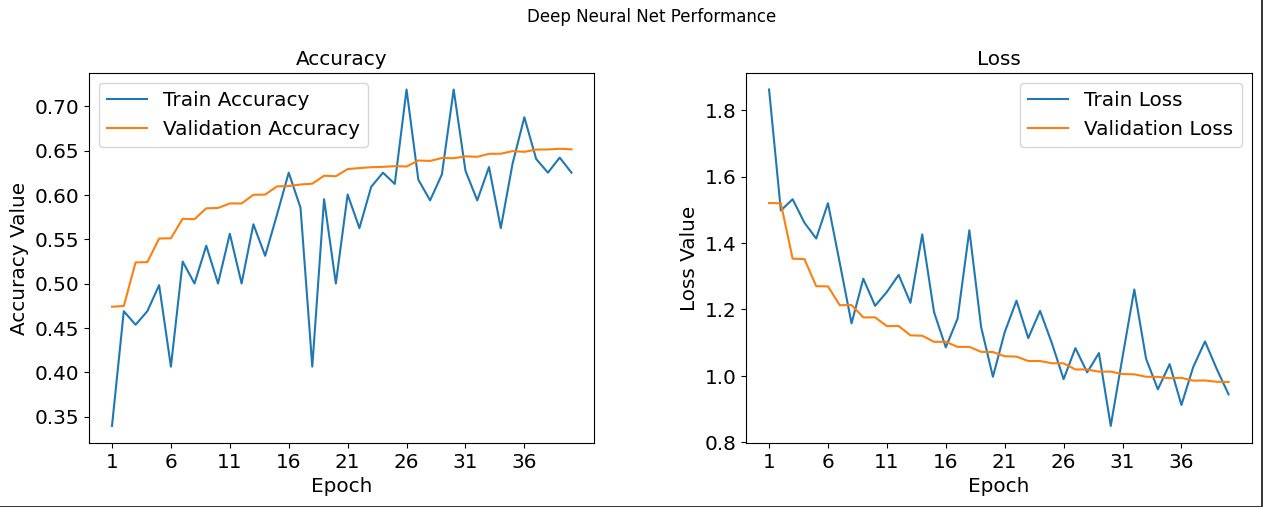


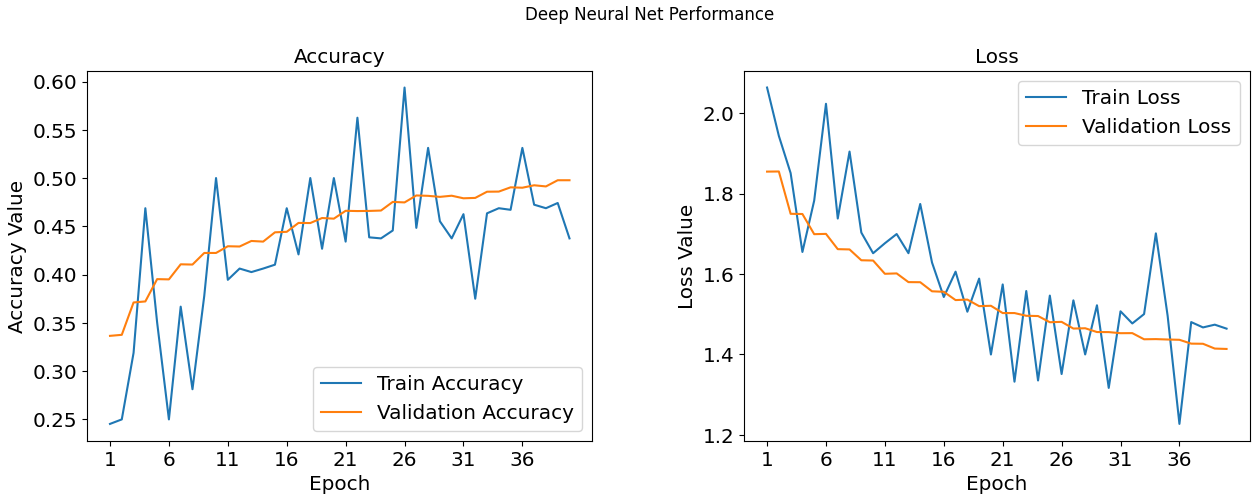




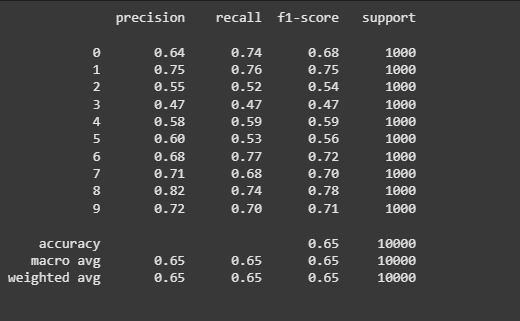
**Based on my analysis, the optimal number of epochs is one (1)**

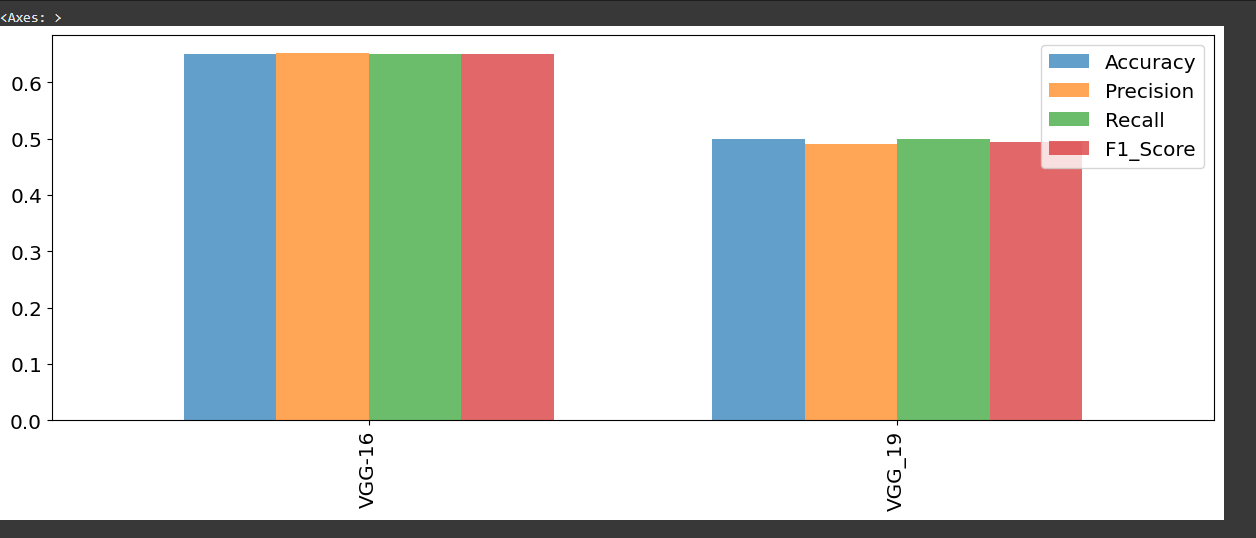
Lab7



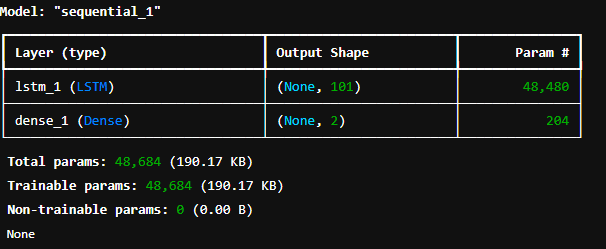


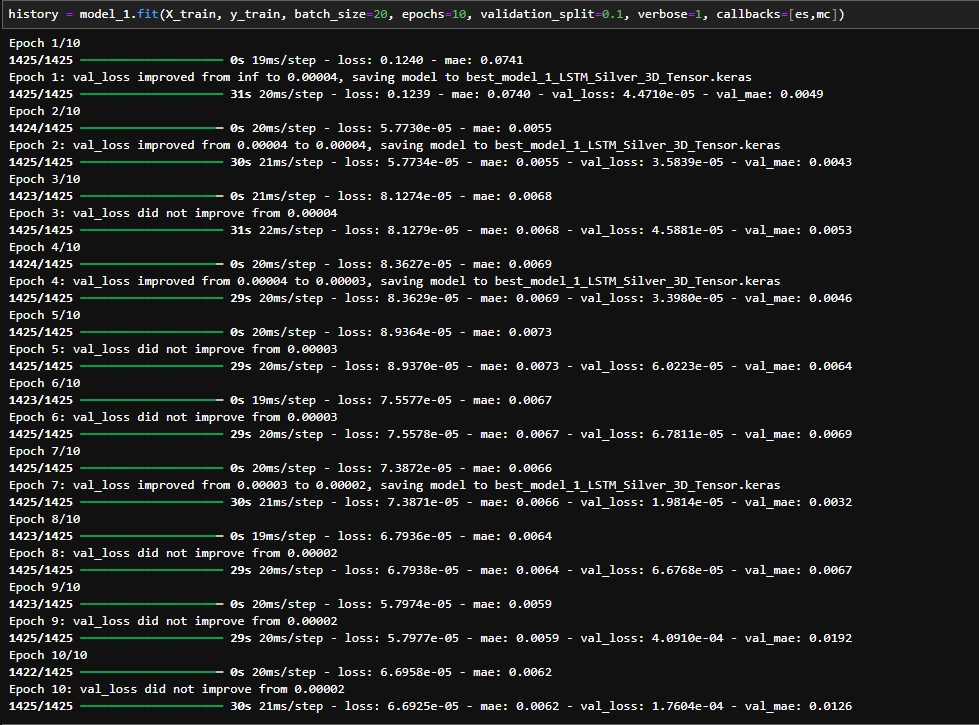
**Based on my analysis, the optimal number of epochs for VGG16 is 30**

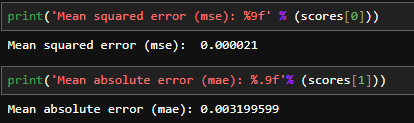


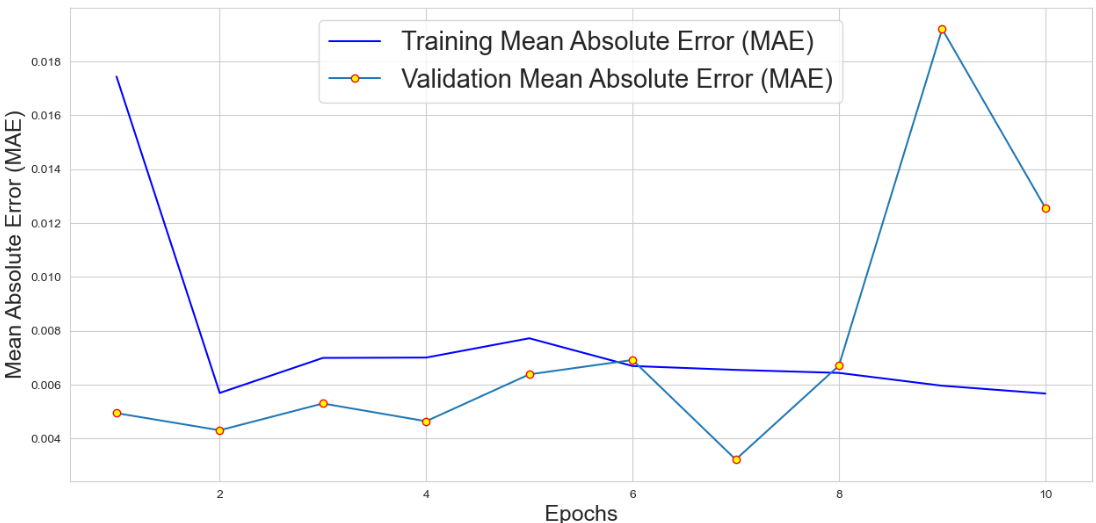
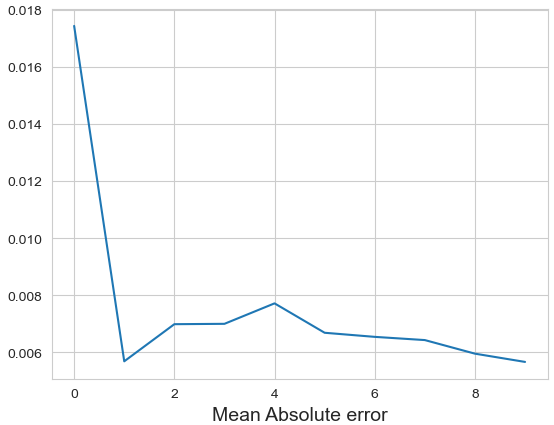
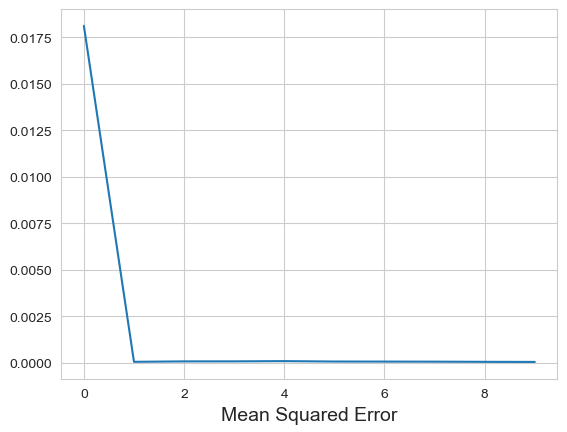


Lab 8



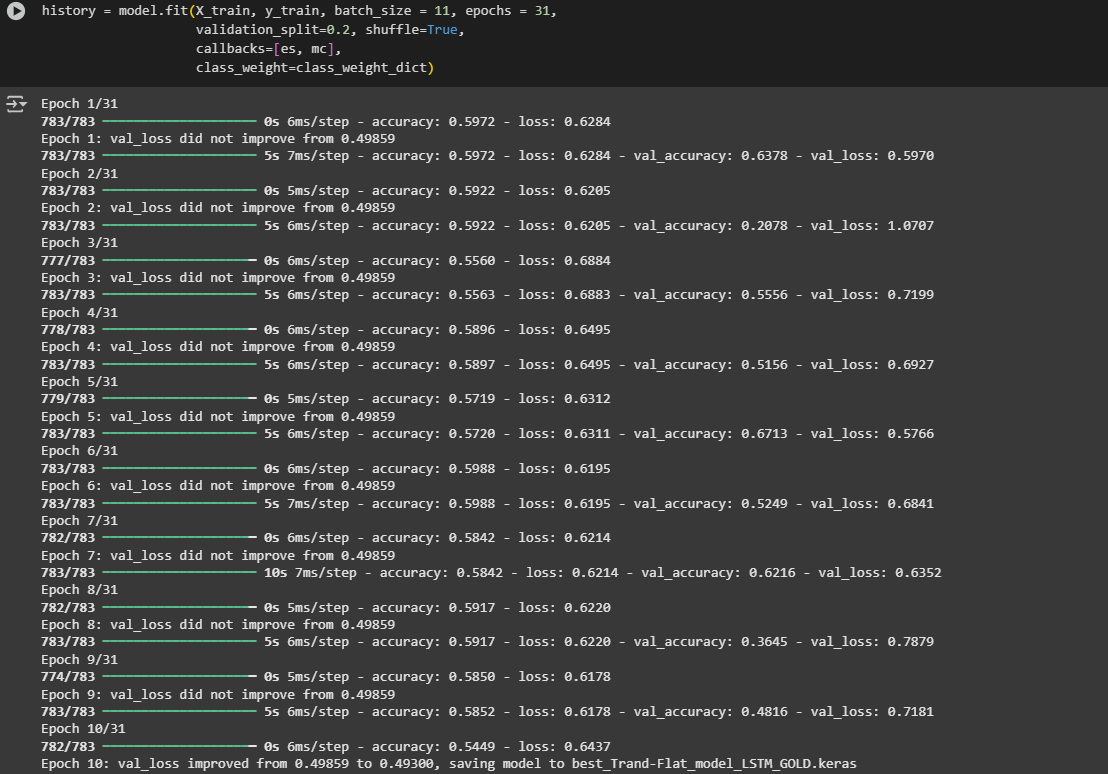


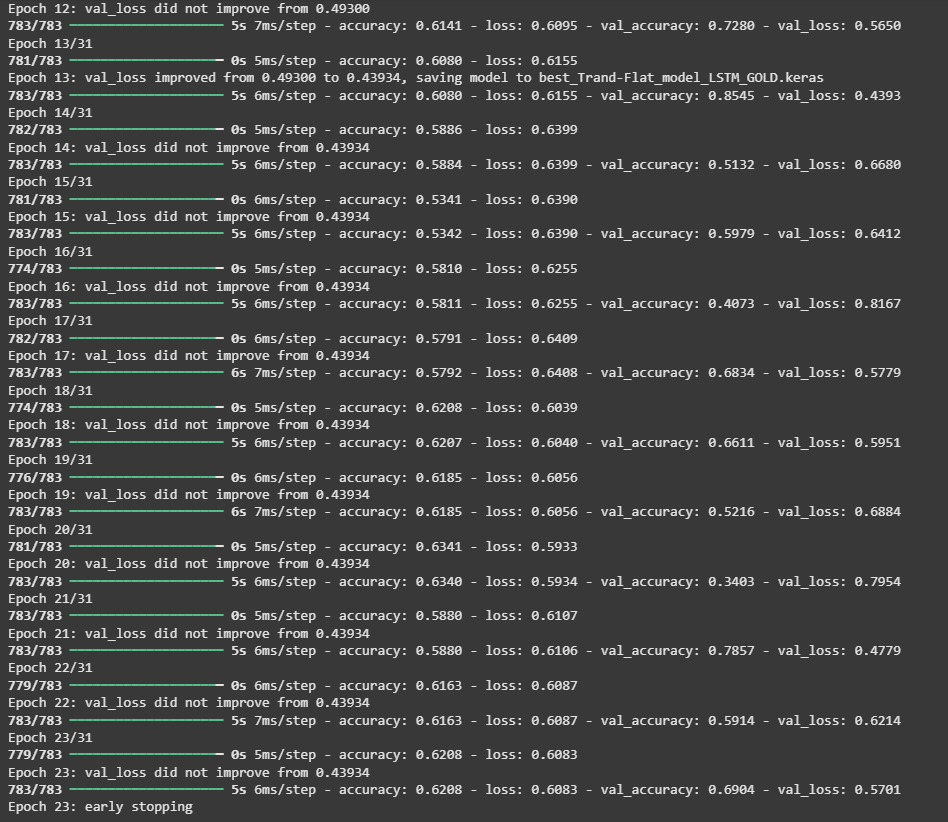


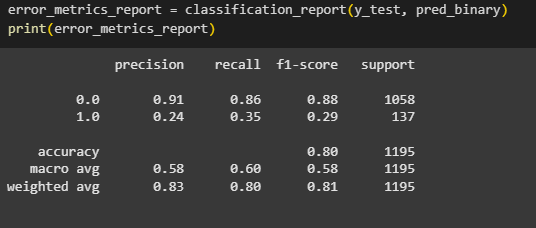


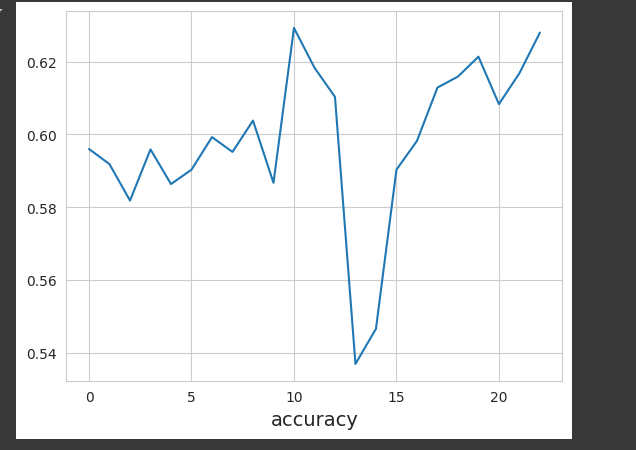
Lab 9





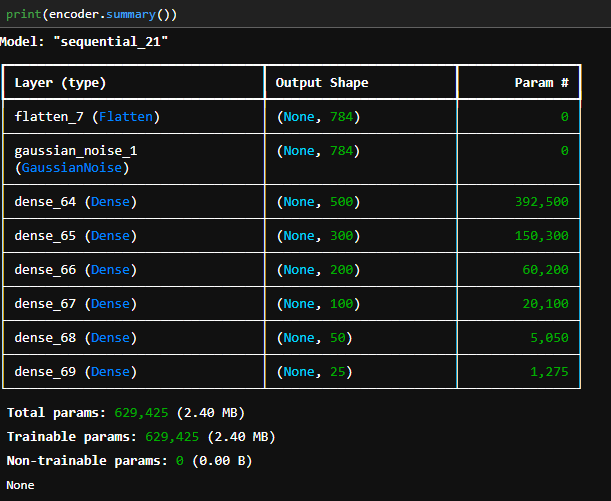


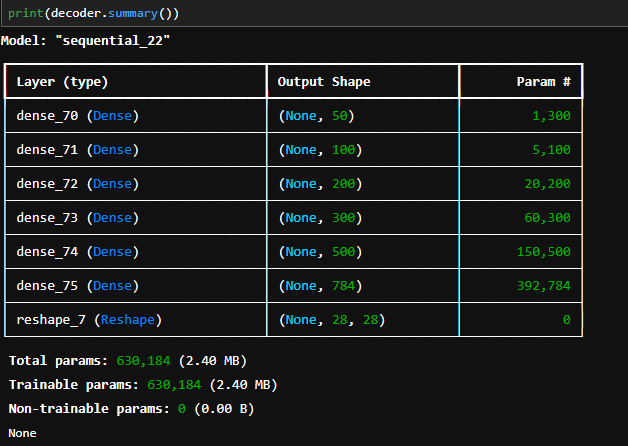


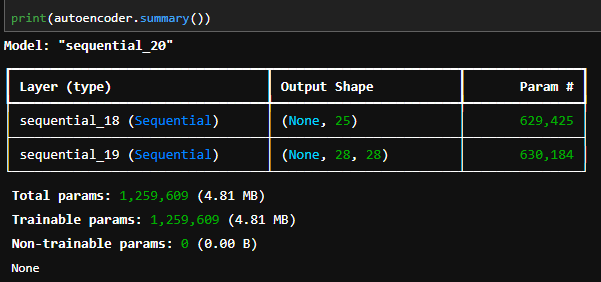


Lab 10

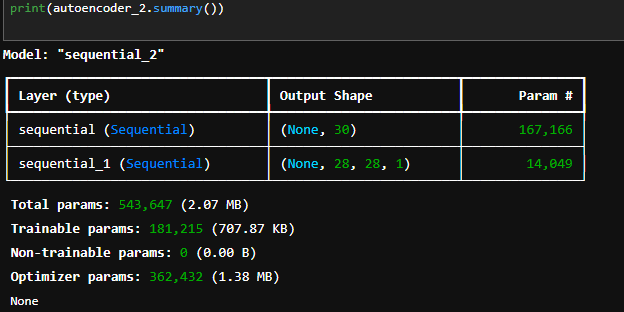
Task 1:

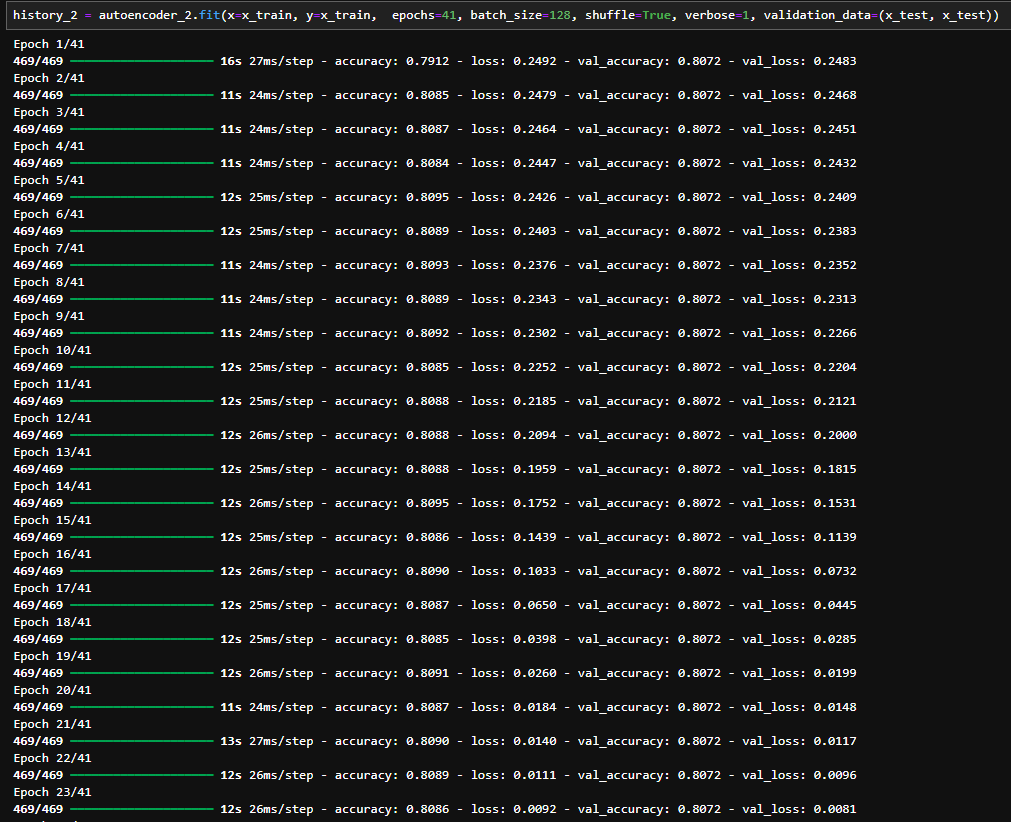


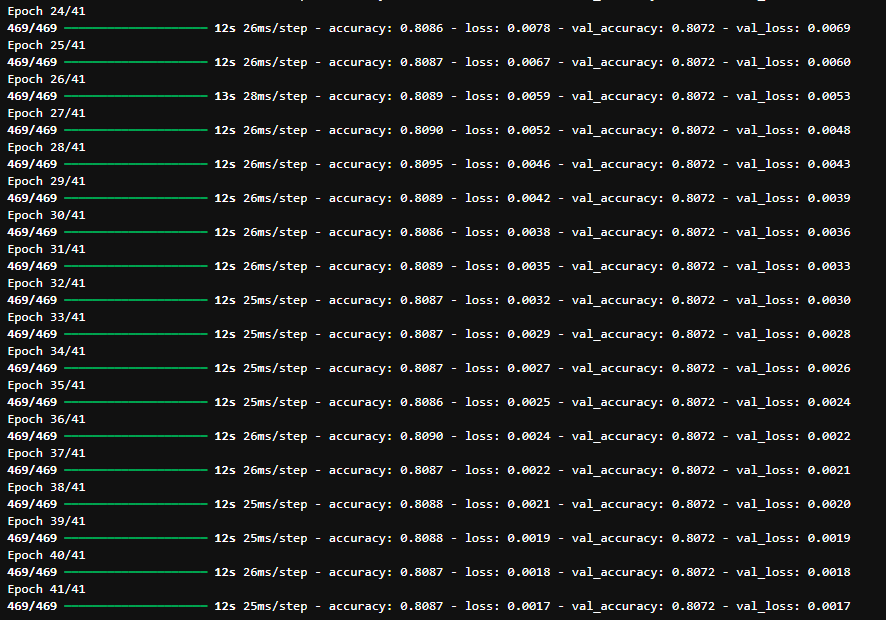


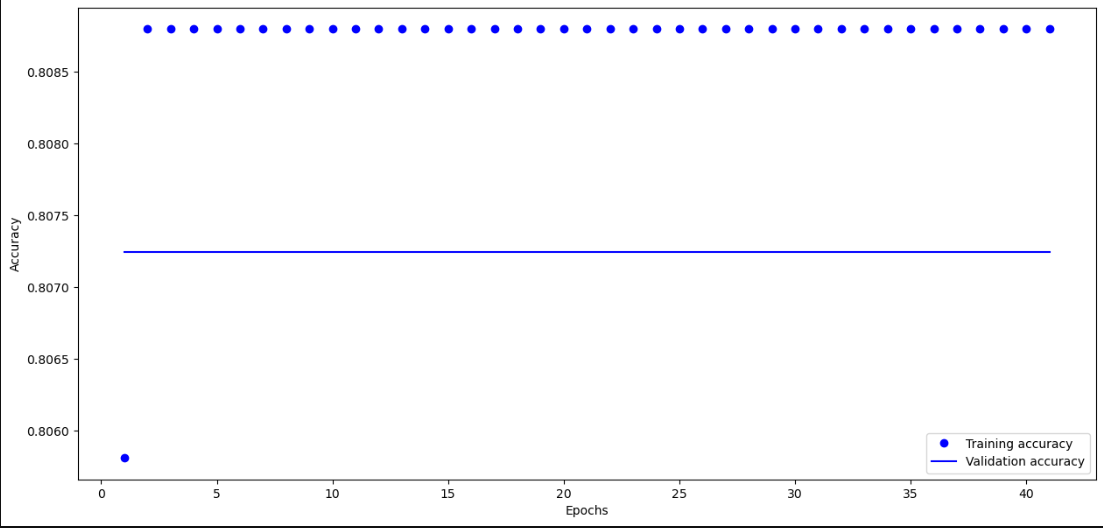


Task 2:











Lab 11

Lab 12