LAB Logbook

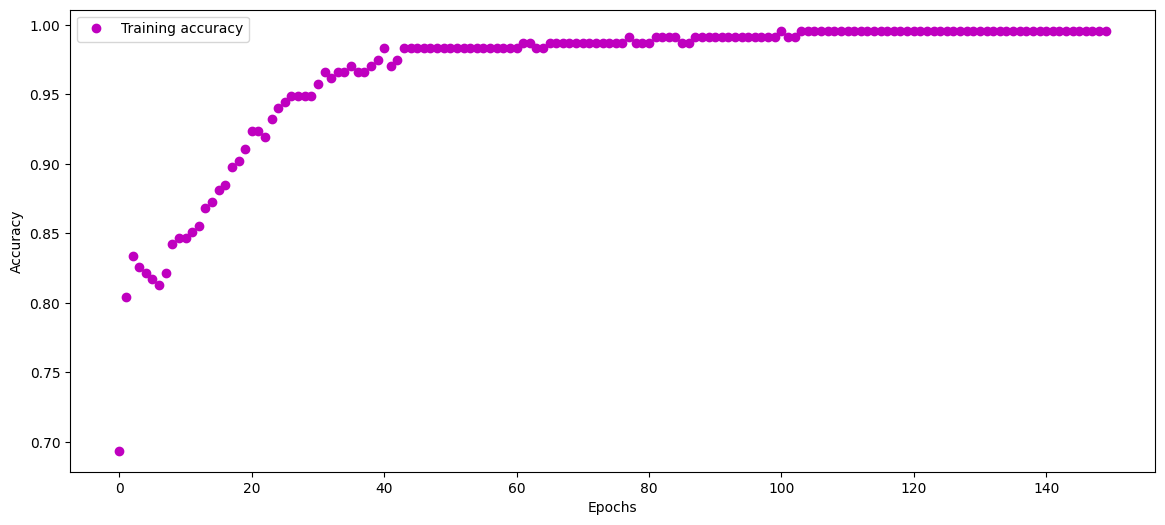
Lab 1

A green line with blue dots

Description automatically generated

Lab 2

Accuracy: “0.931”



A screenshot of a computer

Description automatically generated

Lab 3

Accuracy: “0.861”

A screenshot of a computer

Description automatically generated

Lab 4

A screenshot of a computer

Description automatically generated

A graph with a red line

Description automatically generated

absolute prediction error = 57585.0 $

relative prediction error = 25.950878774222623 %

Lab 5

A screenshot of a computer

AI-generated content may be incorrect.

A graph with blue dots

AI-generated content may be incorrect.

Number of Epochs = 10

Minimum Validation loss = ‘0.9425’

A screenshot of a computer

AI-generated content may be incorrect.

Lab 6

A screenshot of a computer

AI-generated content may be incorrect.

A black and purple text

AI-generated content may be incorrect.

A white background with black text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A line graph with blue dots

AI-generated content may be incorrect.

Minimum\_Validation\_Loss – ‘0.0012’

Epoch – ‘12’

Lab 7

VGG16

A graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of a graph of

AI-generated content may be incorrect.

Epoch – ‘40’

VGG19

A graph of a line

AI-generated content may be incorrect.

Final performance Table VGG16

A table of numbers with text

AI-generated content may be incorrect.

Final performance Table VGG19

A screenshot of a computer code

AI-generated content may be incorrect.

performance comparing histogram of VGG16 and VGG19

A graph with different colored squares

AI-generated content may be incorrect.

Lab 8

LSTM architecture:

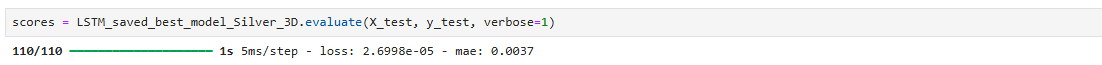
A screenshot of a computer

AI-generated content may be incorrect.

Code training and result:

A screenshot of a computer

AI-generated content may be incorrect.



MSE & MAE



Detailed MAE Graph:

A graph with blue lines and green text

AI-generated content may be incorrect.

Lab 9

Lab 10

Lab 11

Lab 12