LAB Logbook

Lab 1

**Adm Number: 242243**

**n = 43**

A screenshot of a computer program

AI-generated content may be incorrect.

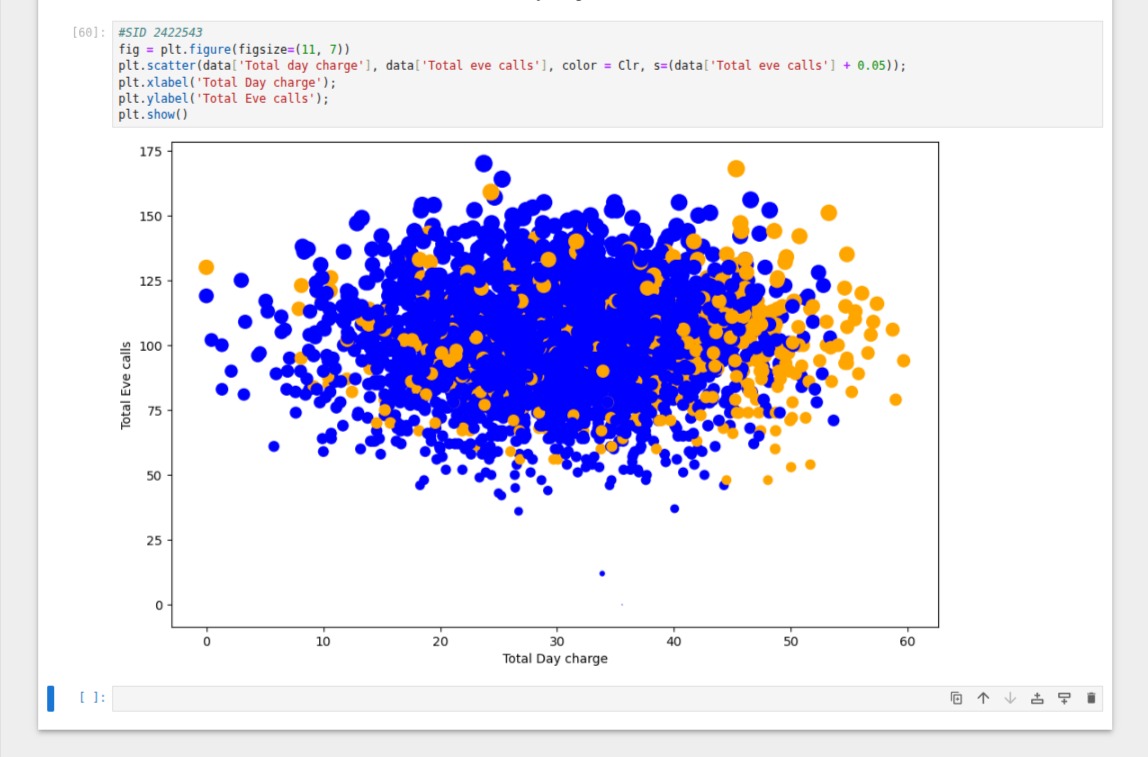
Lab 2

**n= 3**

**A screenshot of a computer

AI-generated content may be incorrect.**

Lab 3



Lab 4

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

The MAE of my custom MLP (0.04586) is slightly higher than the MAE of the MLP from the practical session (0.01632), indicating that the number of neurons and layer configuration affect model performance

Lab 5

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Practical CNN = 0.01597

Modified CNN = 0.01622

The Modified CNN (with smaller kernel size and fewer epochs) achieved a slightly higher MAE than the original model.

Lab 6

Lab 7

Lab 8

Lab 9

Lab 10

Lab 11

Lab 12