# **Neural Networks & Deep Learning Assignment-4**

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### Repository Link:

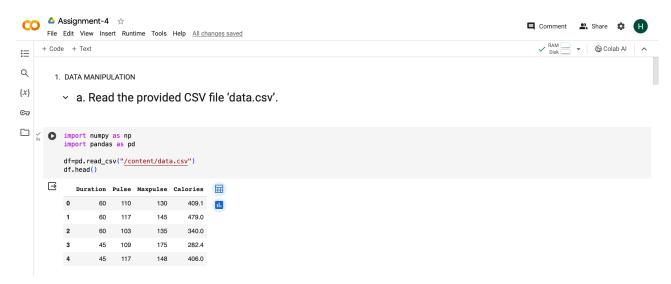
https://github.com/harshavardhanreddy27/Neural-Networks-Deep-Learning-Assignment--4-

#### Video Link:

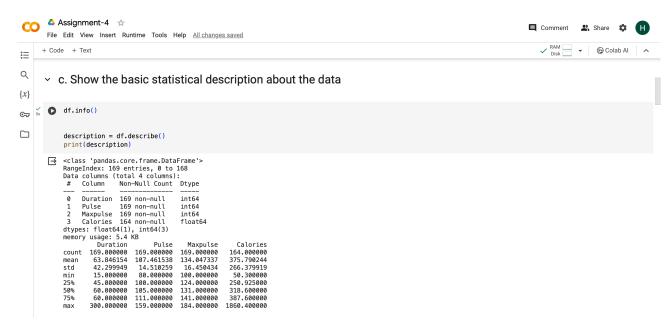
https://drive.google.com/file/d/1DAUUHKpuywp42joMfdc50JthahtWqA8 /view?usp=share link

#### Code Screenshots:

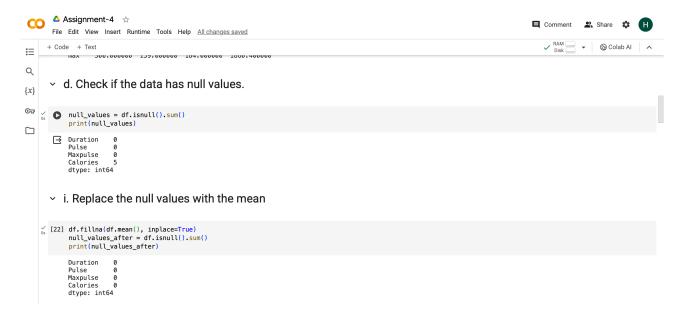
### Question:1A)



C)



### D)

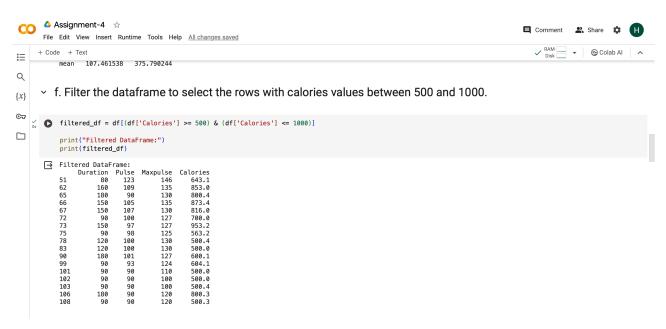


#### E)

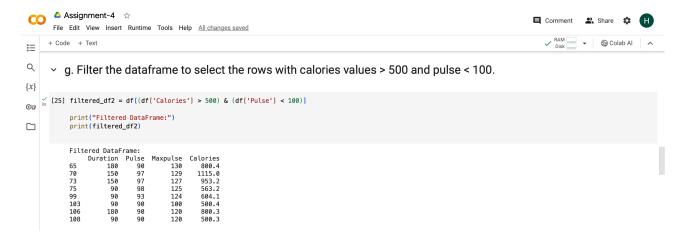
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| Comment | Assignment | Assignme
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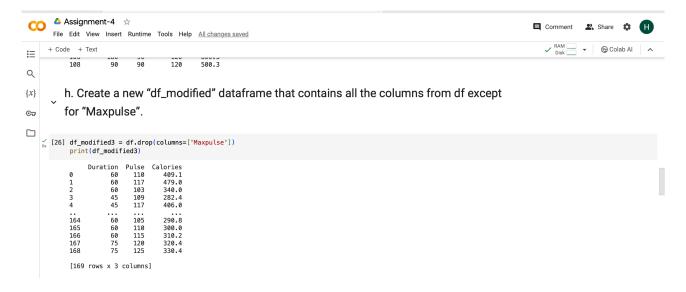
## F)



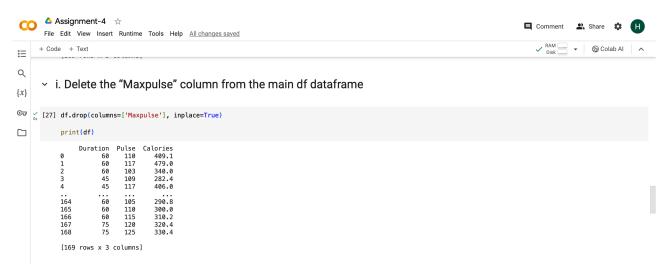
# G)

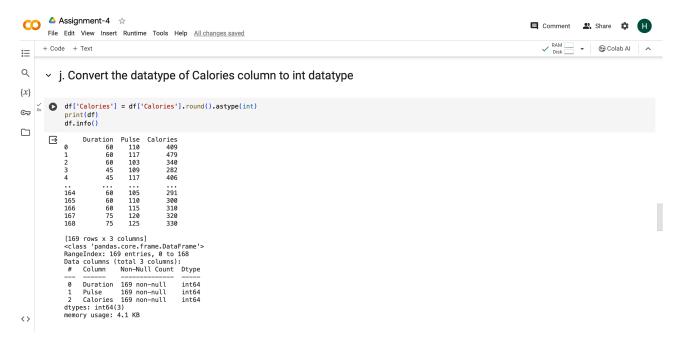


#### H)

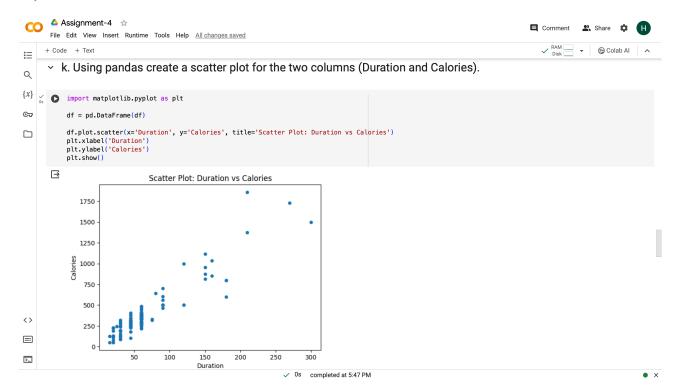


# I)



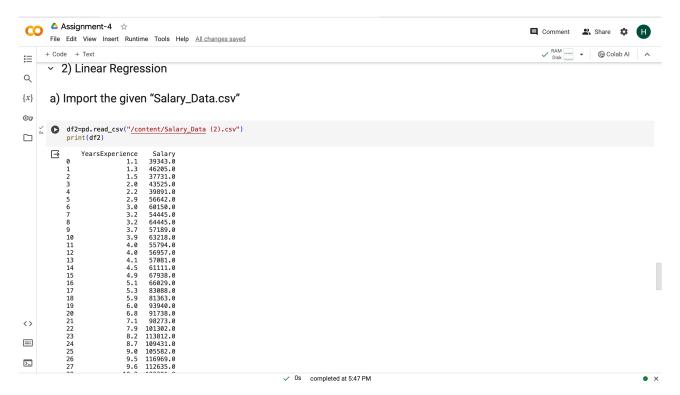


# K)

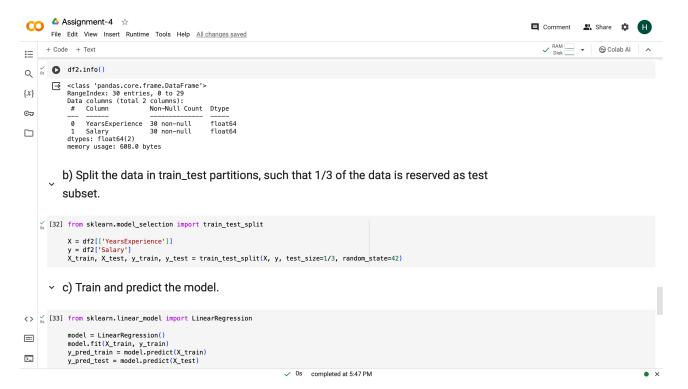


# **Question:2**

### A)



## B ,C)



## D)

```
△ Assignment-4 ☆
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                                                                                                                                                           + Code + Text
∷
       d)Calculate the mean_squared error
Q
{x}
     _{	t 0s}^{\prime} [36] from sklearn.metrics import mean_squared_error
<del>О.,</del>
             mse_train = mean_squared_error(y_train, y_pred_train)
{\tt mse\_test = mean\_squared\_error(y\_test, y\_pred\_test)}
            print("Mean Squared Error (Train):", mse_train)
print("Mean Squared Error (Test):", mse_test)
            Mean Squared Error (Train): 29793161.082422983
Mean Squared Error (Test): 35301898.887134895
```

# E)

