IBM ASSIGNMENT 4

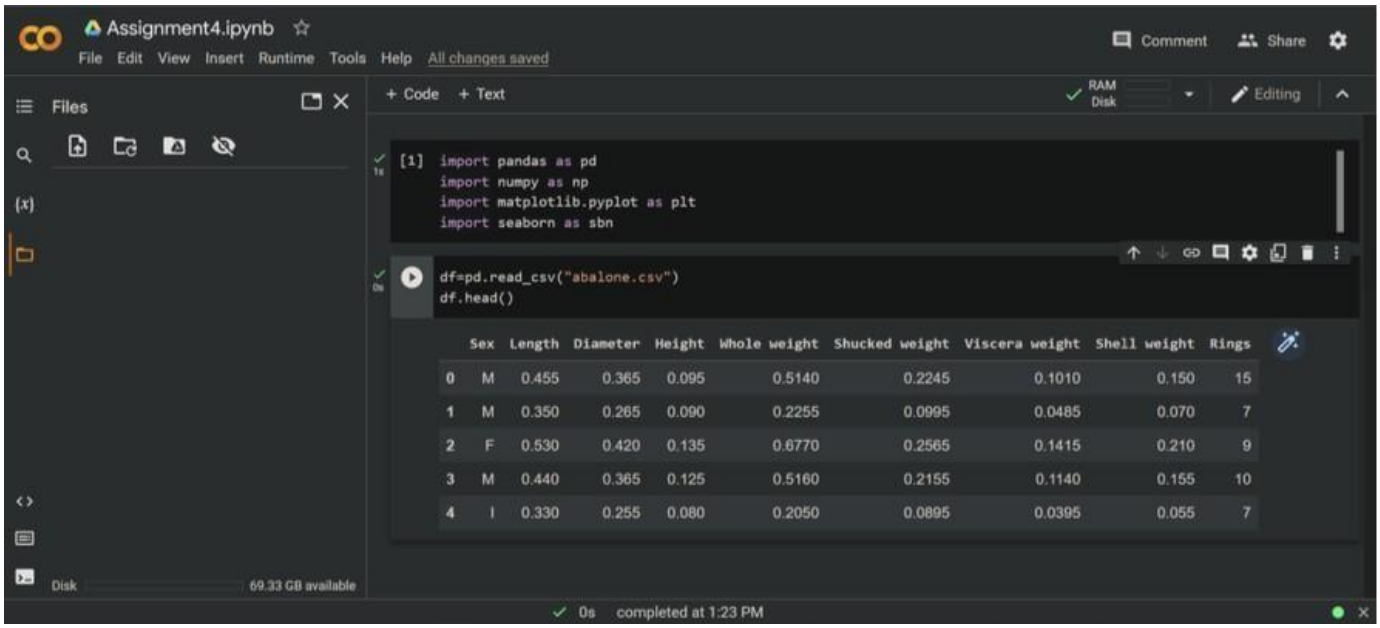
Name:R.Raja

Register No: 961819104067

CHALLENGE:

Abalone Age Prediction

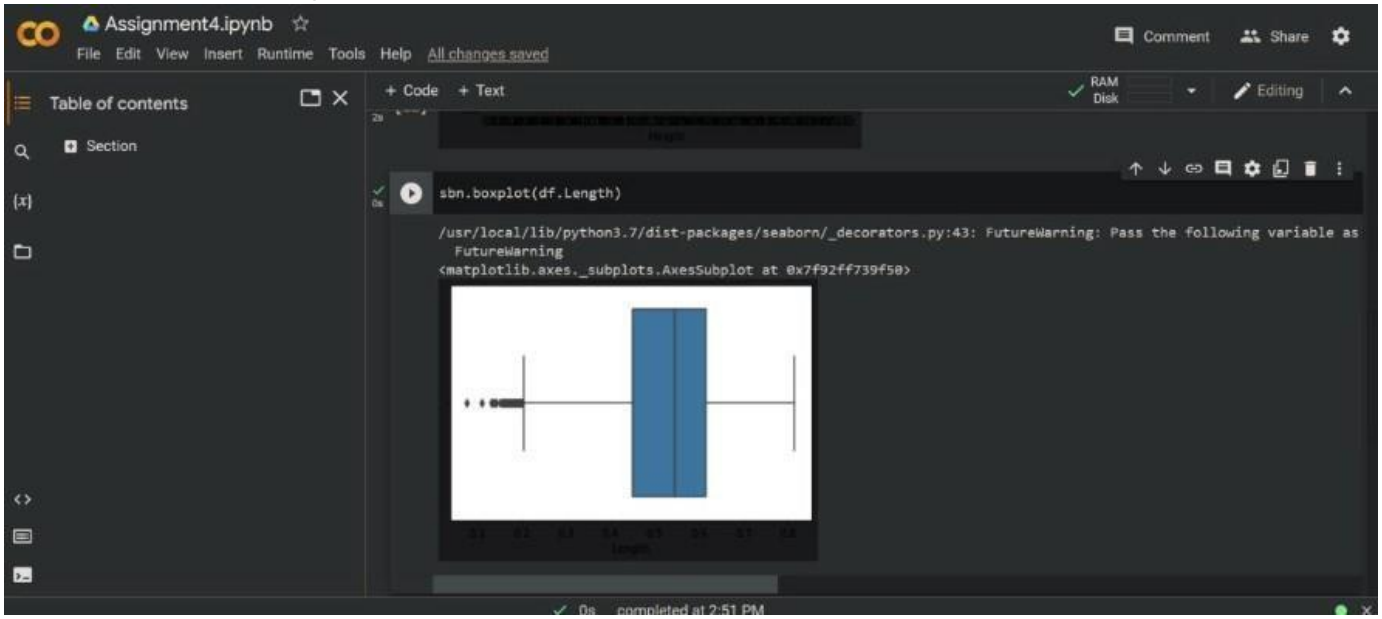
LOADING THE DATASET:

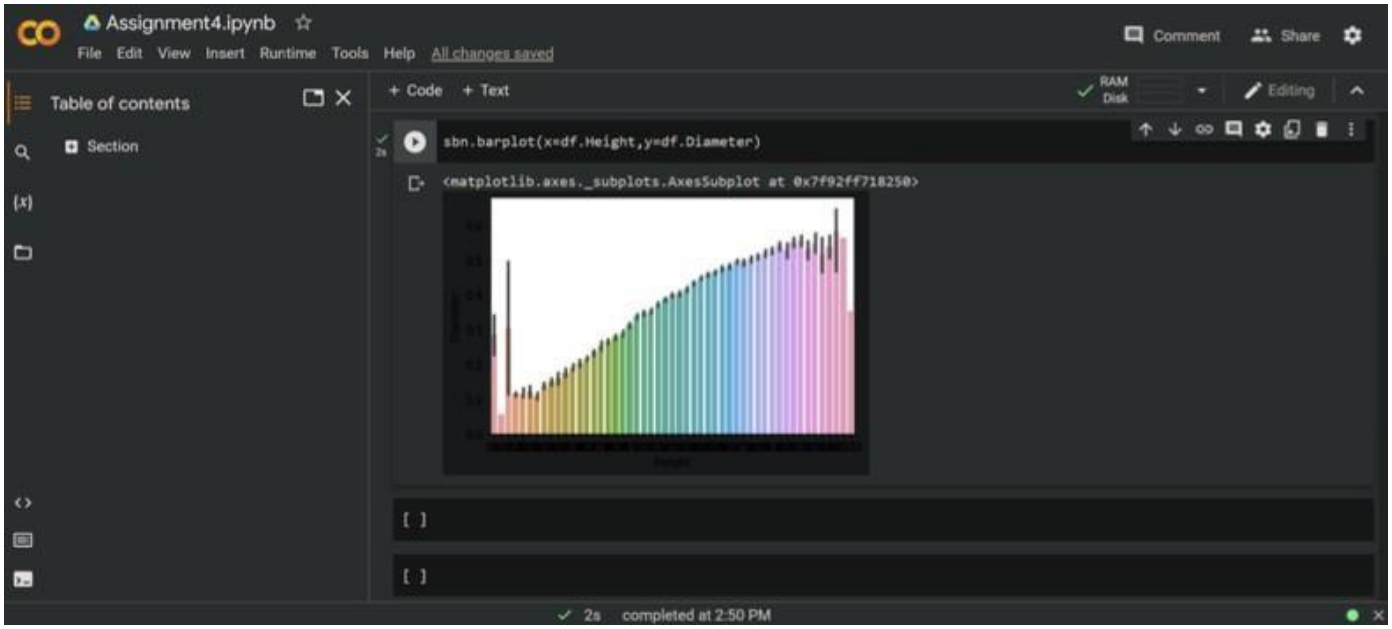


VISUALIZATIONS:

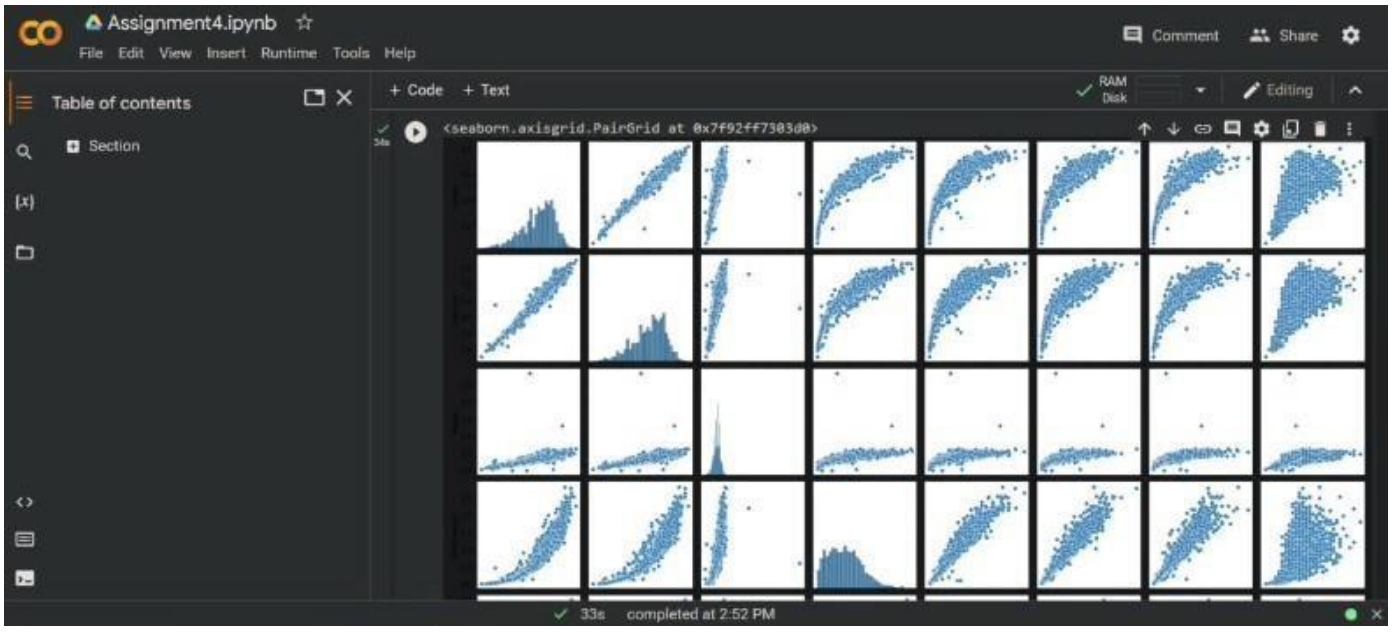
Univariate Analysis

Bi-Variate Analysis

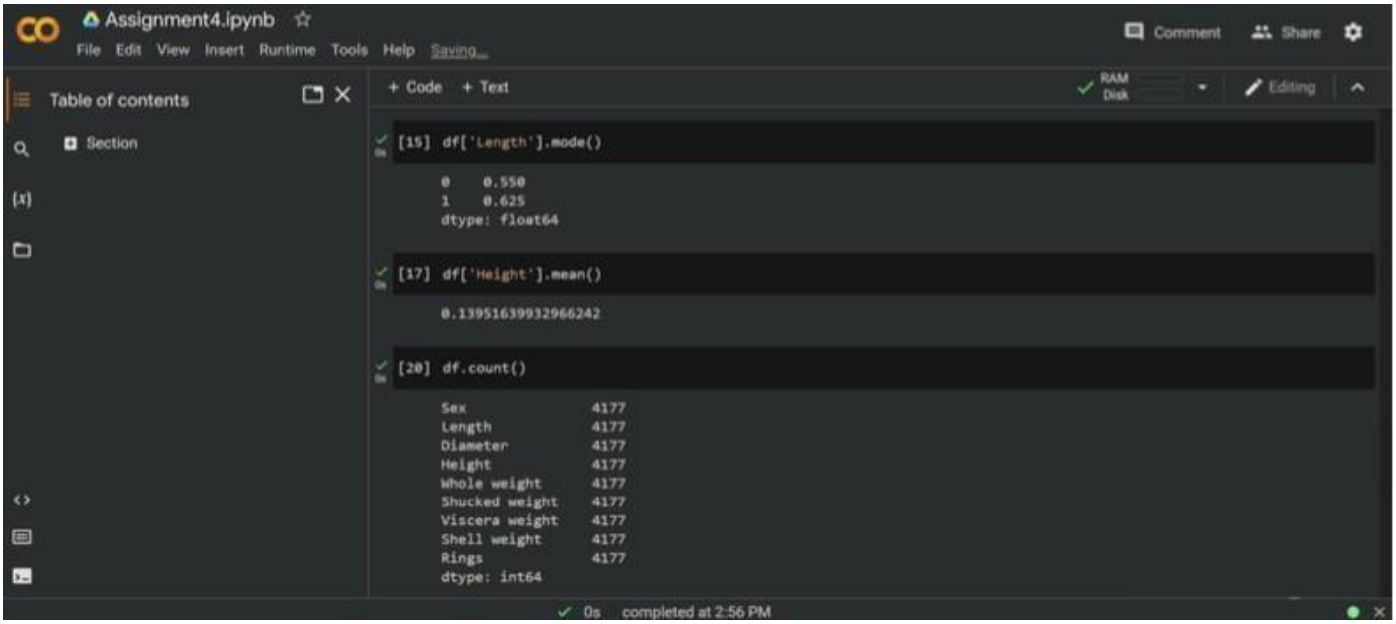


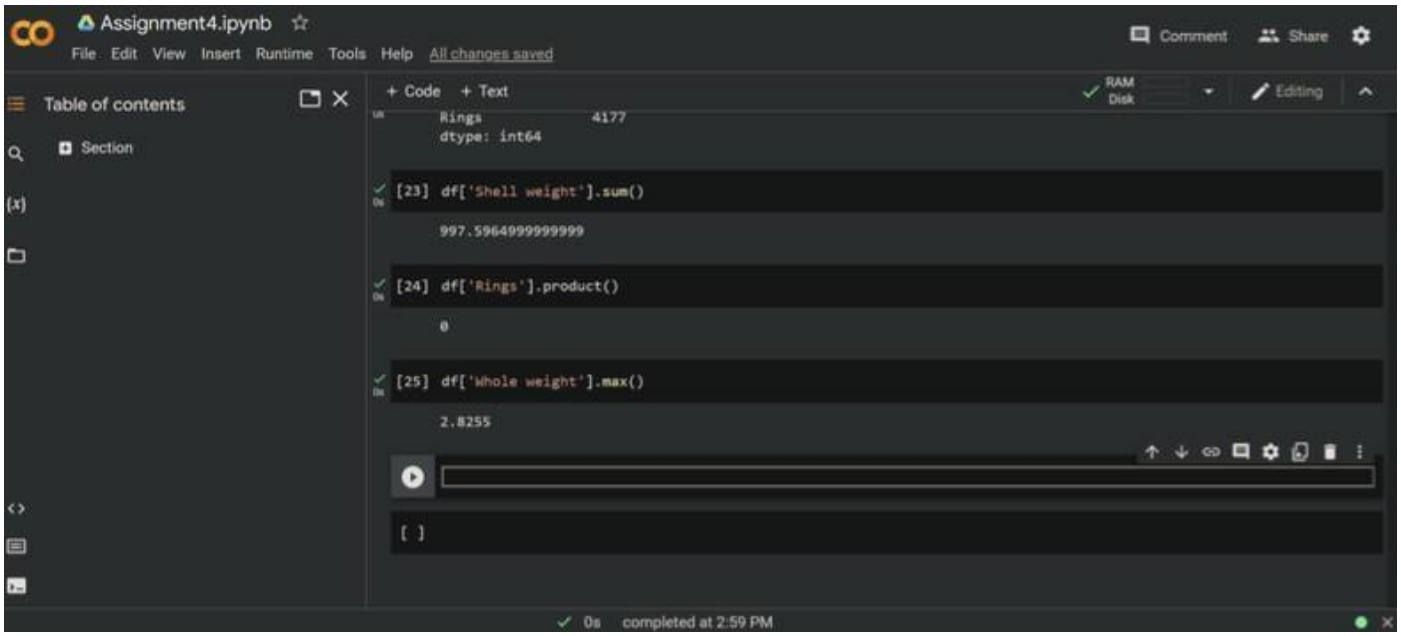


Multi-Variate Analysis

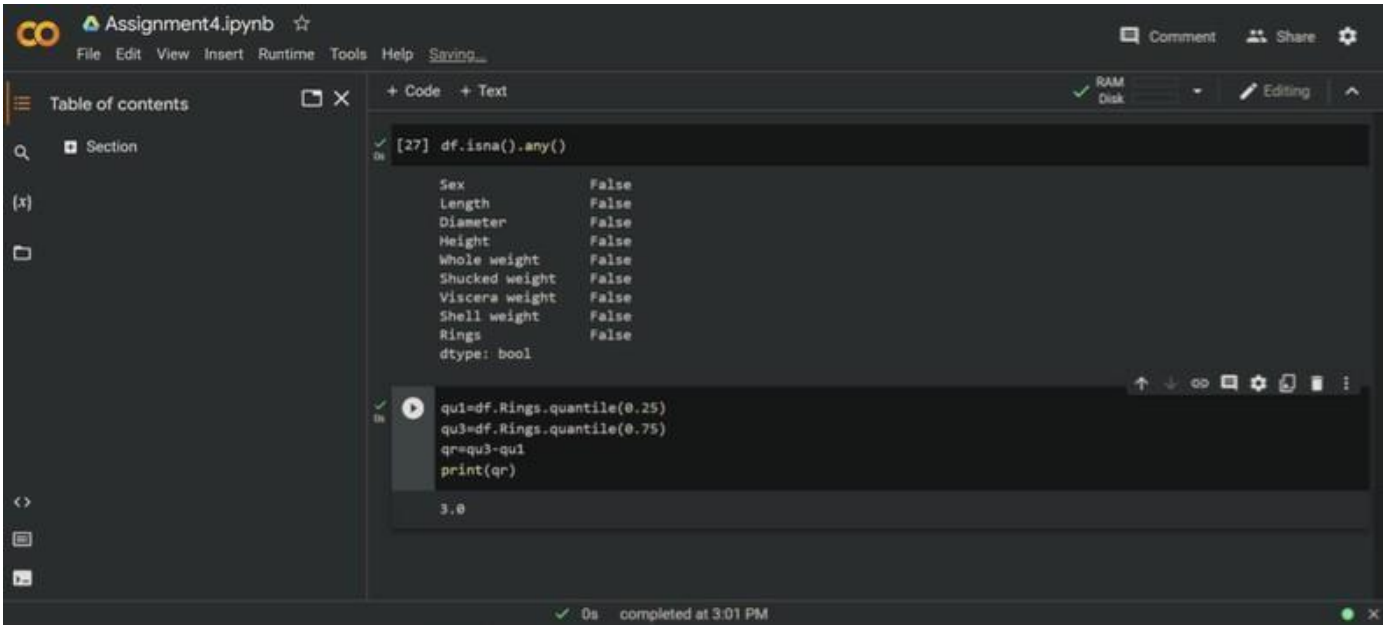


Perform descriptive Analysis on datasets

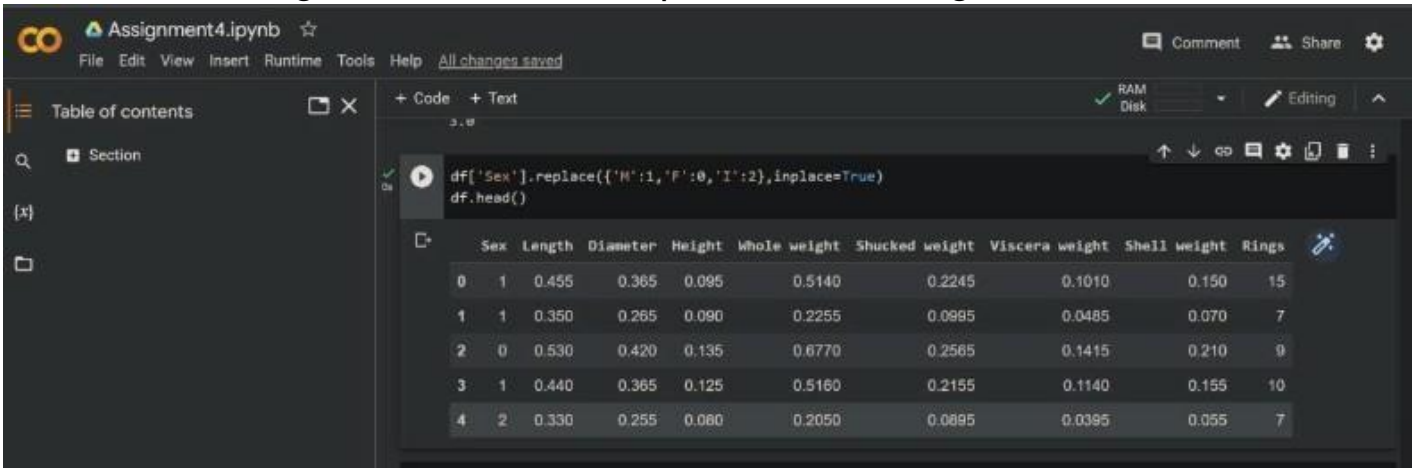




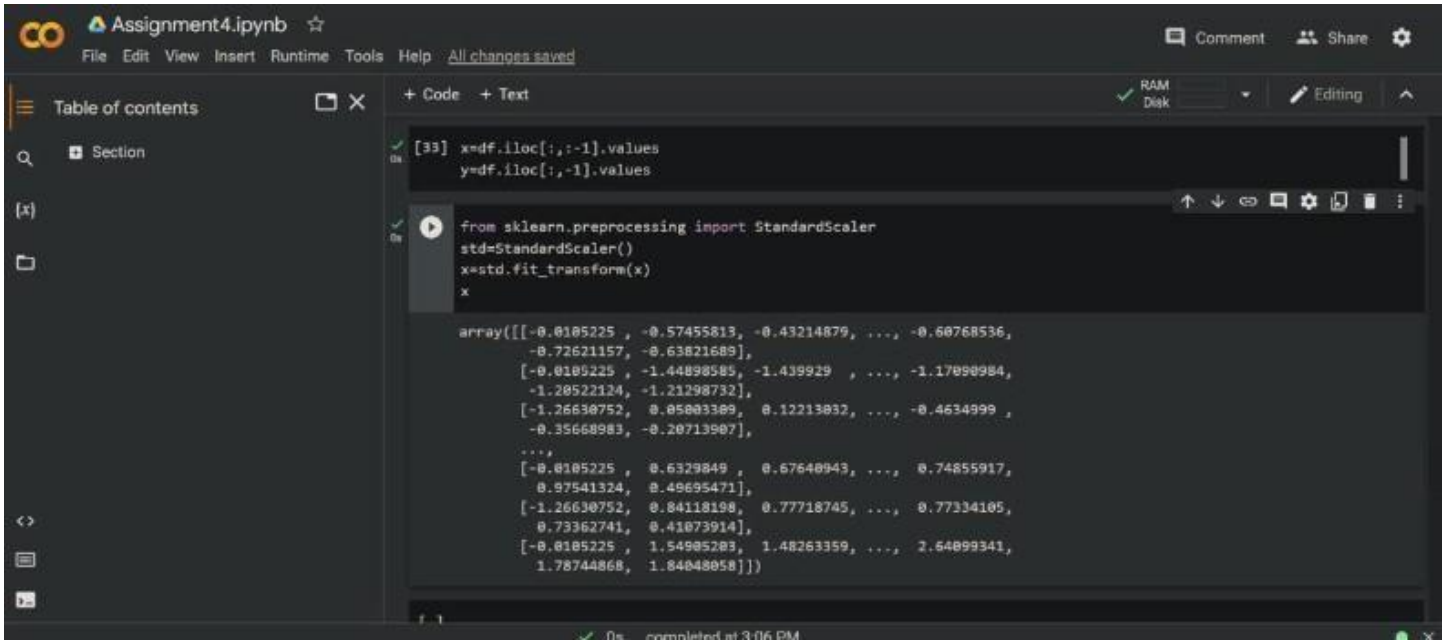
Checking for missing values and deal with them , Finding the outliers and replace them outliers



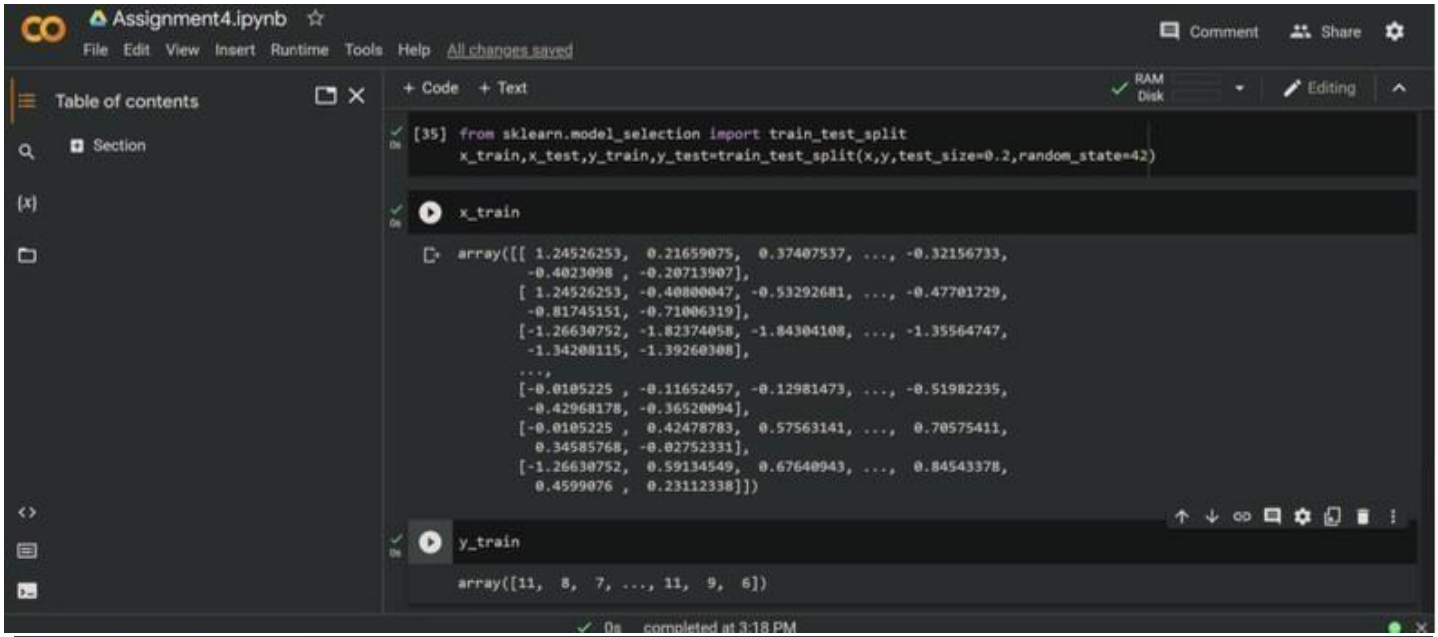
Check for categorical columns and perform encoding

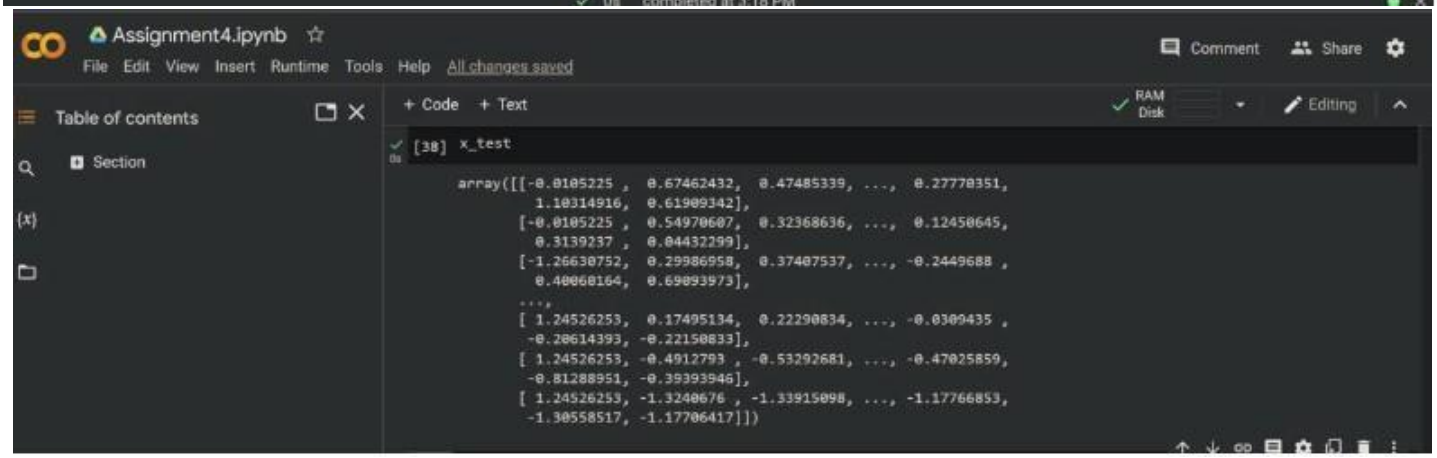


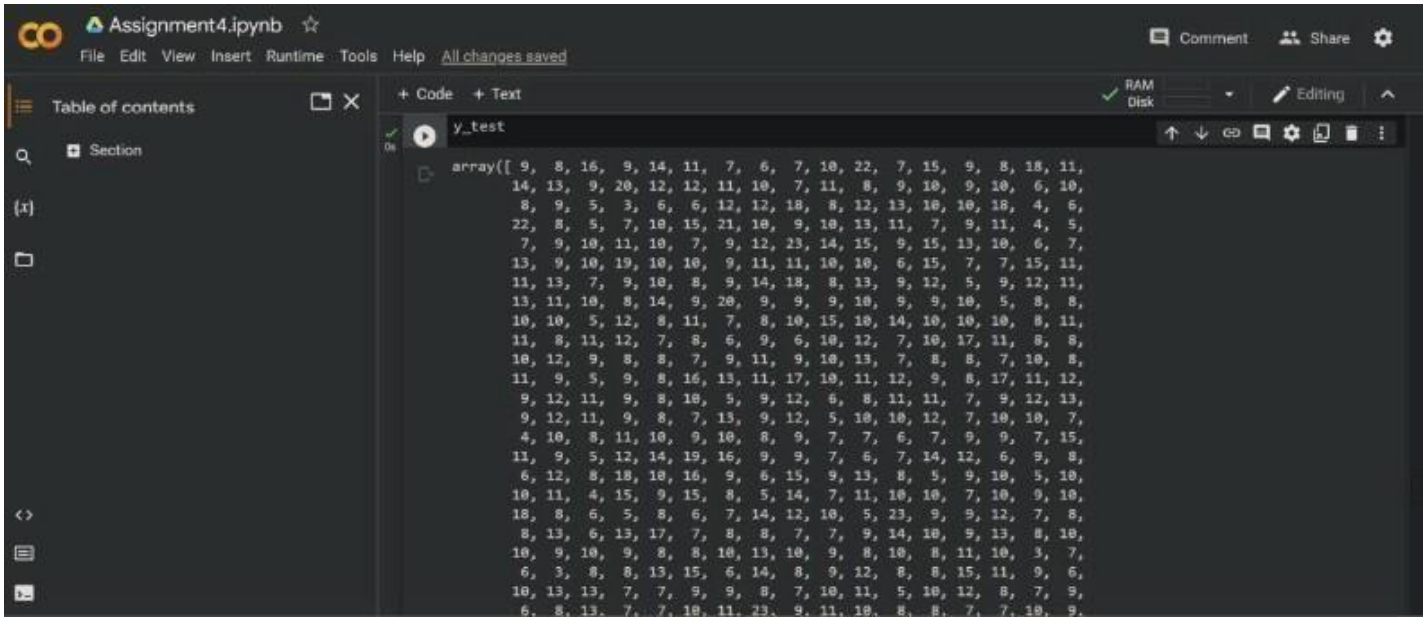
Split the data into dependent and independent variables, Scale the independent variable



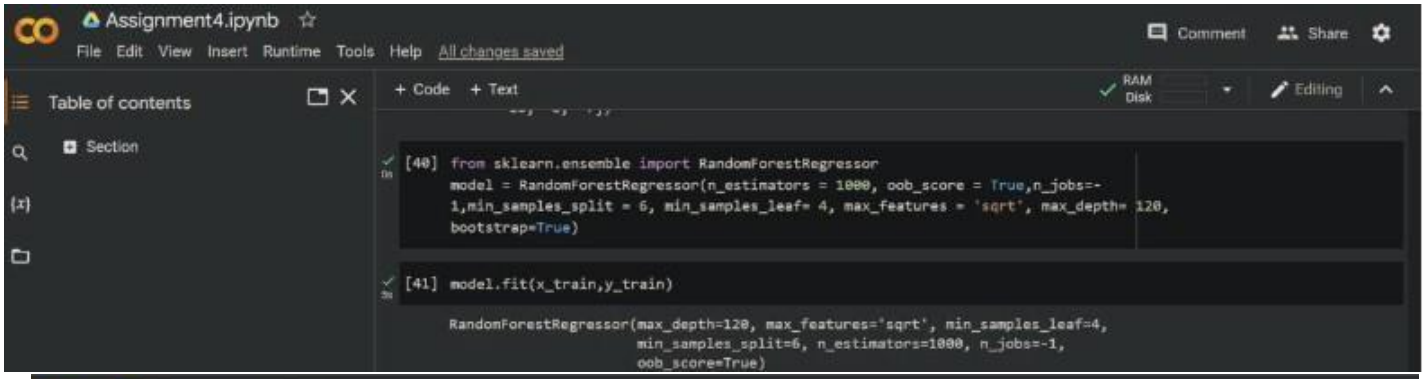
Split the data into training and testing

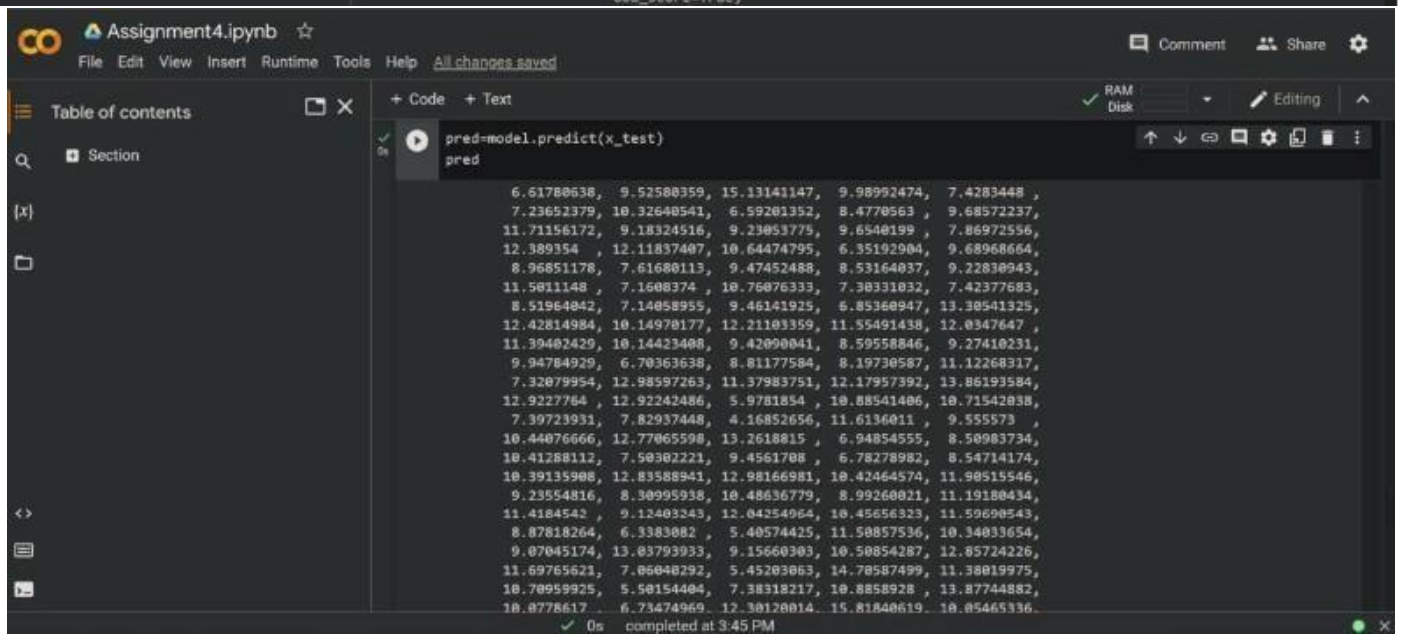






Build the model, Train the Model Test the Model





Measure the performance using metrics

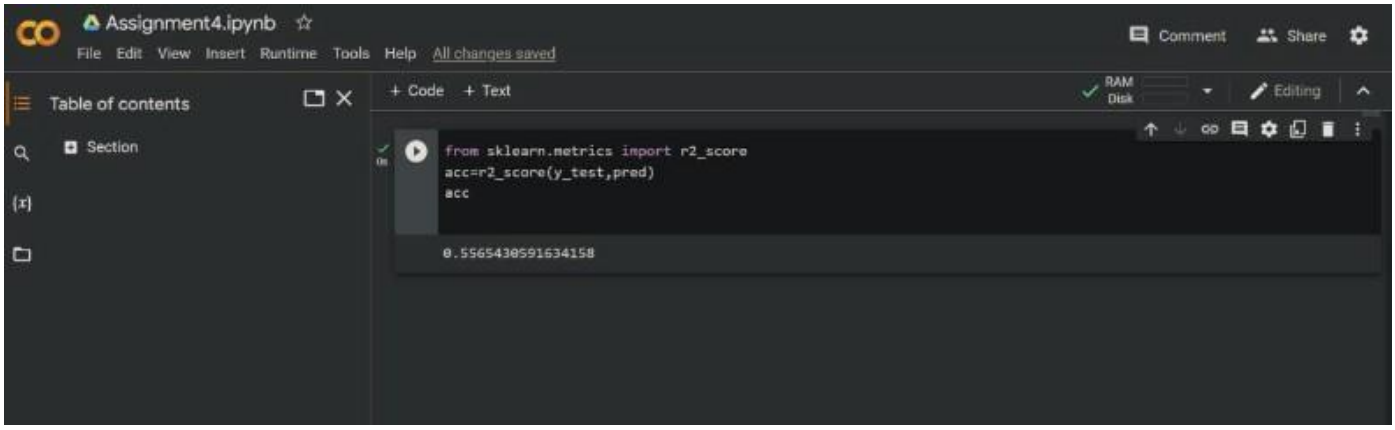

Assignment4.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
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Table of contents
Section
+ Code + Text
RAM
Disk
Editing
from sklearn.metrics import r2_score
acc=r2_score(y_test,pred)
acc
0.5565430591634158