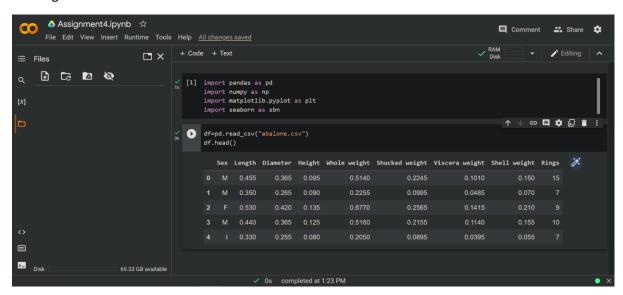
Assignment Date	15 October 2022
Student Name	Mohammed Safwan S
Student Roll Number	727719EUCS088
Maximum Marks	2 Marks

ASSIGNMENT - 4

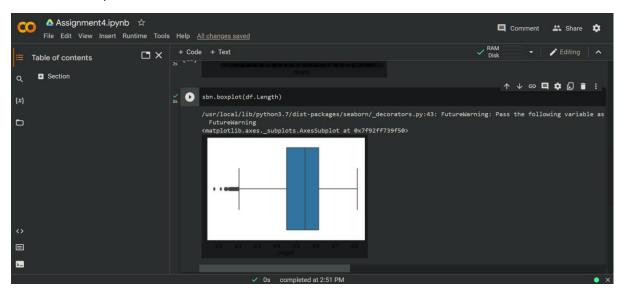
Dataset: https://drive.google.com/file/d/1slv-7x7CE0zAPAt0Uv-6pbO2ST2LVp5u/view

Loading the dataset:

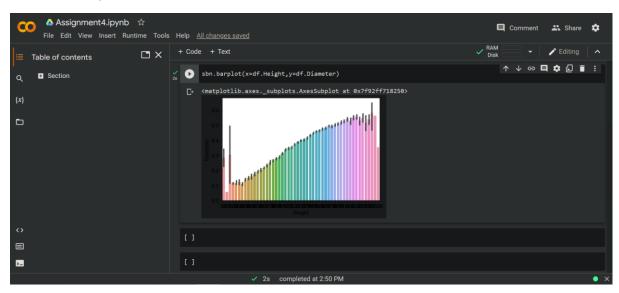


Perform Below Visualizations:

Univariate Analysis



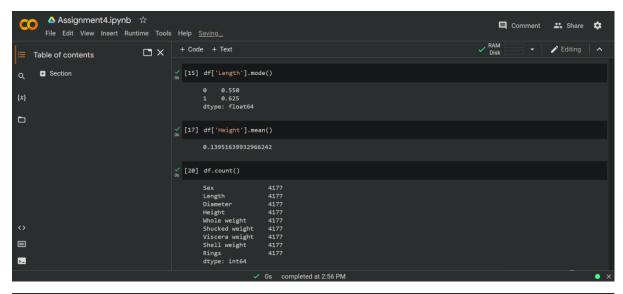
Bi-Variate Analysis

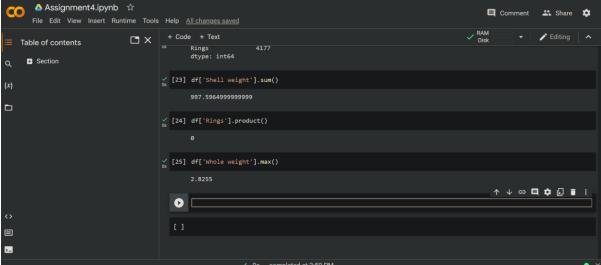


Multi-Variate Analysis

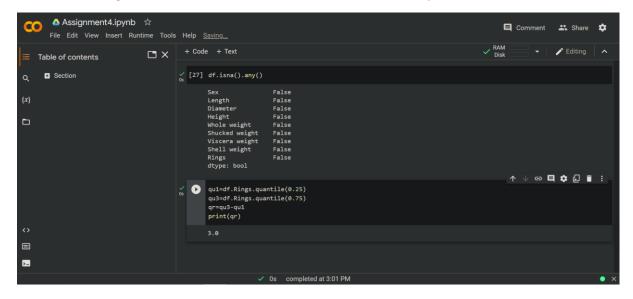


Perform descriptive analytics on the dataset

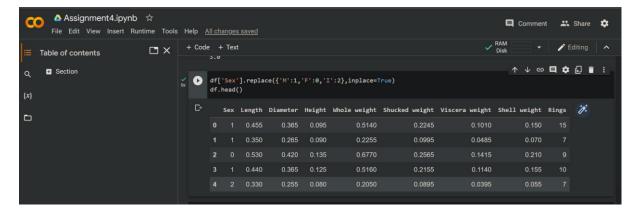




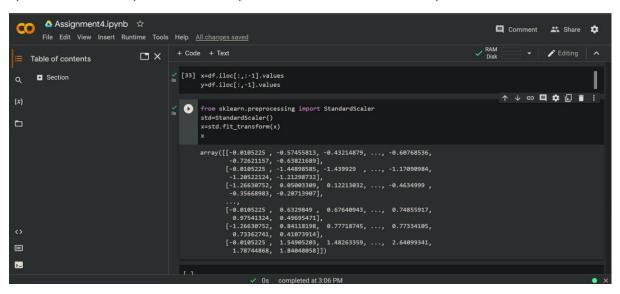
Check for Missing values and deal with them, Find the outliers and replace them outliers



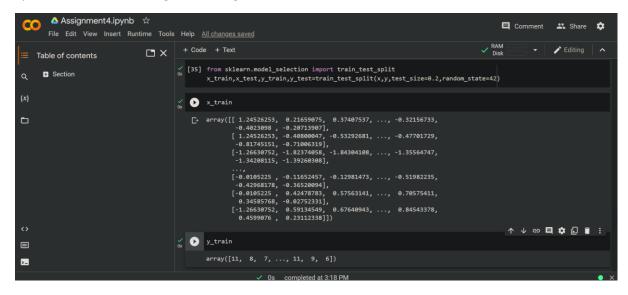
Check for Categorical columns and perform encoding

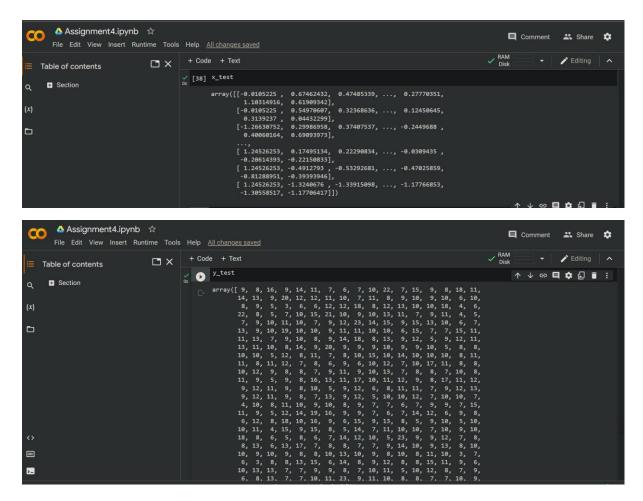


Split the data into dependent and independent variables, Scale the independent variables

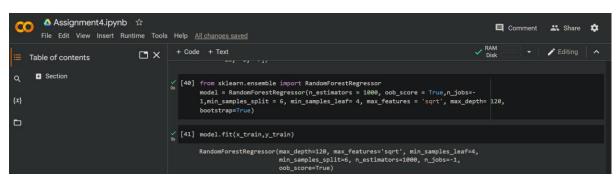


Split the data into training and testing

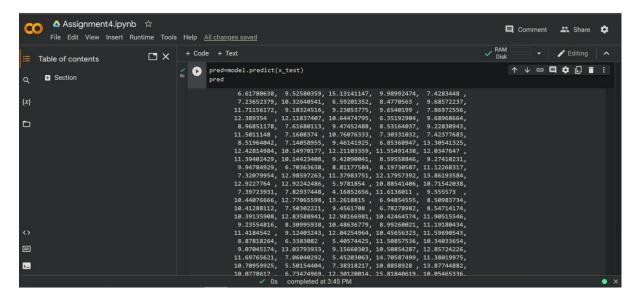




Build the Model, Train the Model



Test the Model



Measure the performance using Metrics

