IBM ASSIGNMENT 4

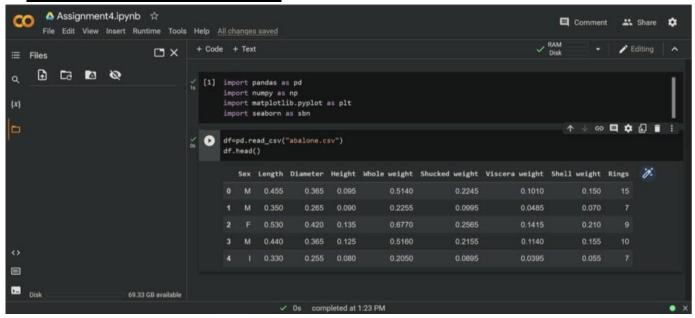
Name: V.Siva chandran

Register No: 961819104081

CHALLENGE:

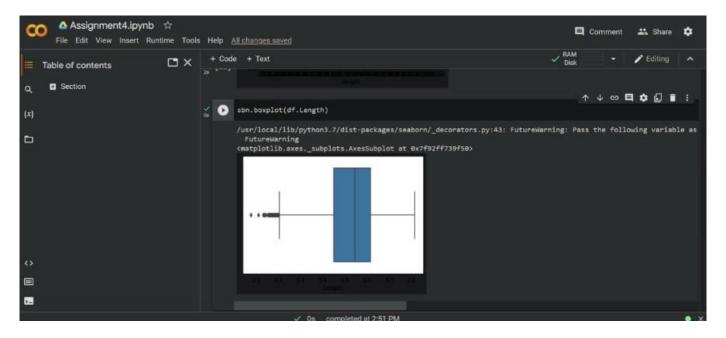
Abalone Age Prediction

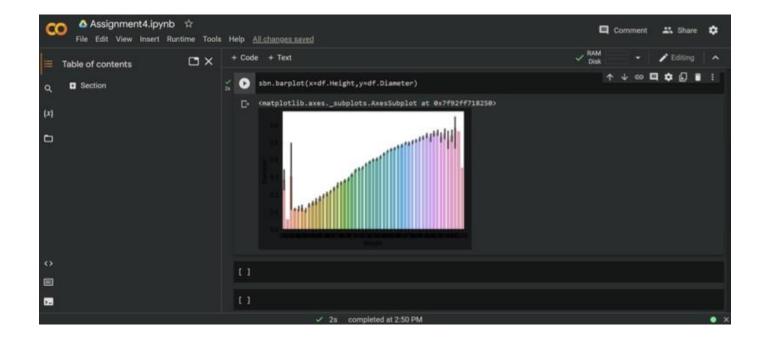
LOADING THE DATASET:



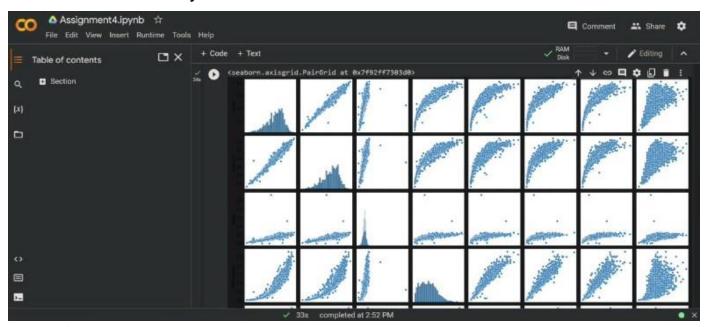
VISUALIZATIONS:

Univariate Analysis Bi-Variate Analysis

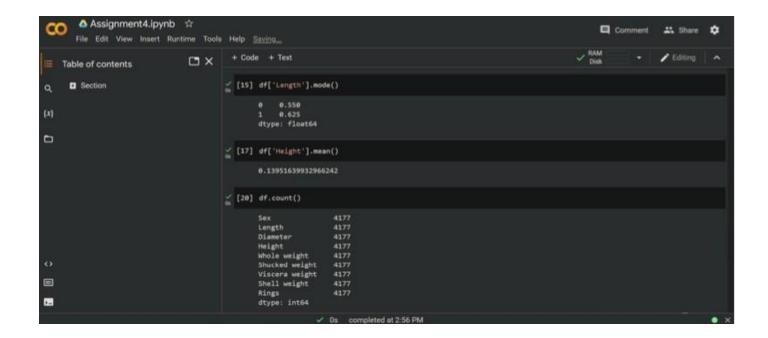


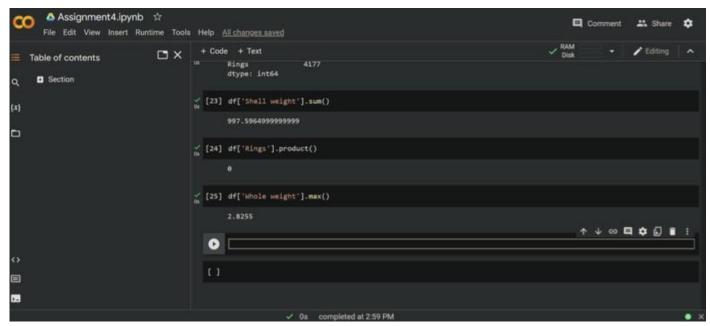


Multi-Variate Analysis

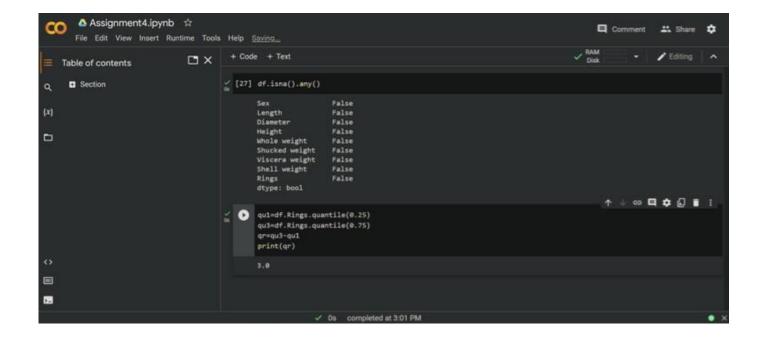


Perform descriptive Analysis on datasets

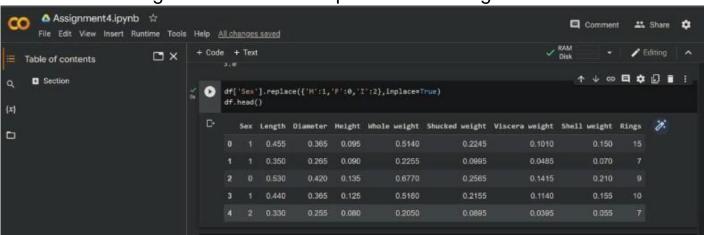




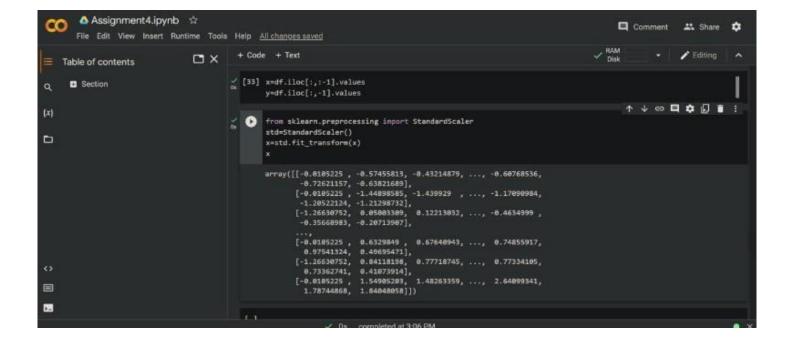
Checking for missing values and deal with them , Finding the outliers and replace them outliers



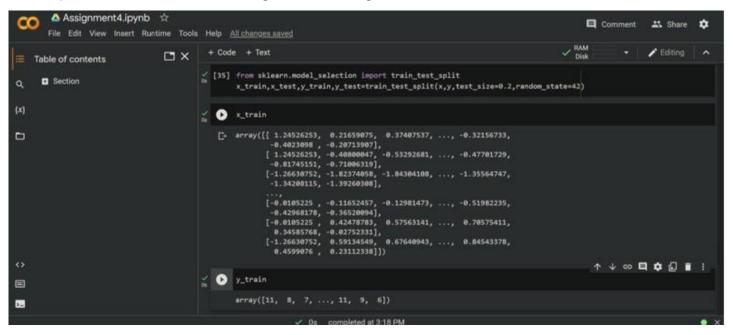
Check for categorical columns and perform encoding

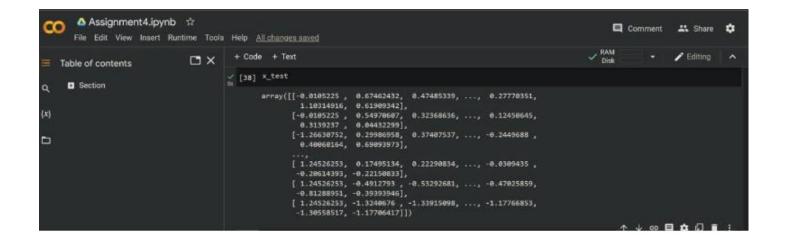


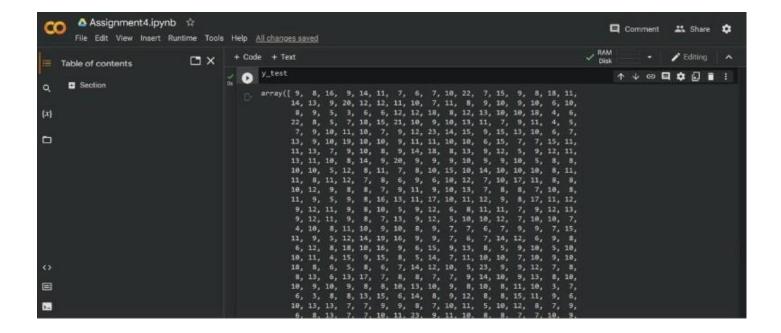
Split the data into dependent and independent variables, Scale the independent variable



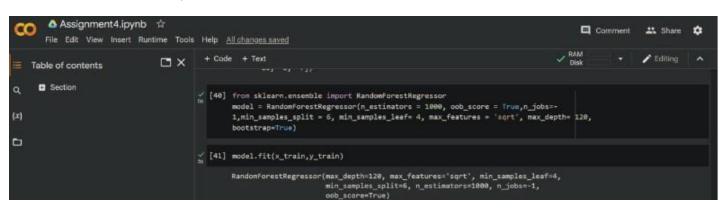
Split the data into training and testing

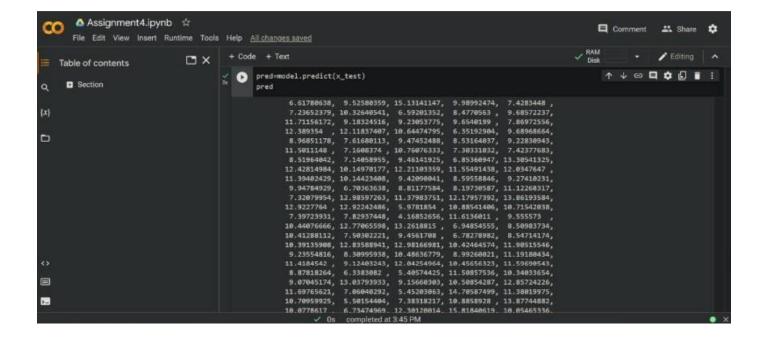






Build the model, Train the Model Test the Model





Measure the performance using metrics

