# **IBM ASSIGNMENT 4**

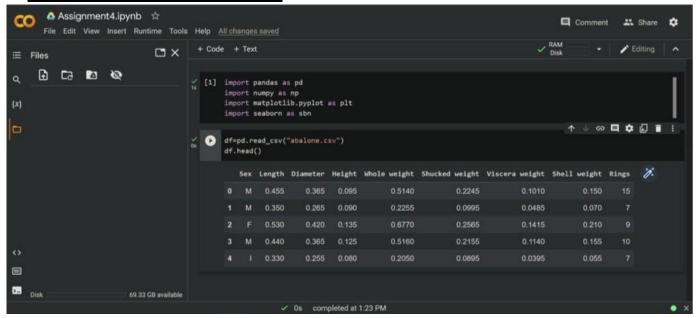
Name: P.Pradheesh

Register No: 961819104064

# **CHALLENGE:**

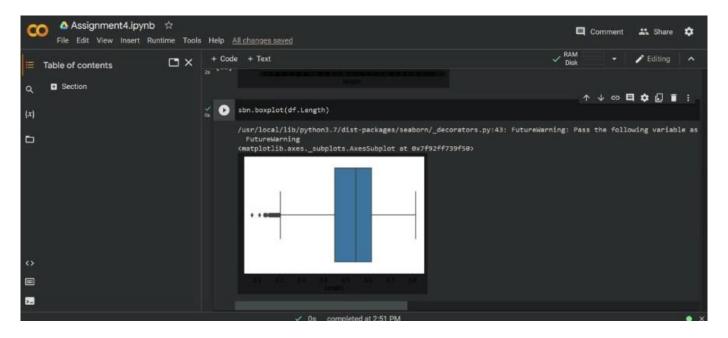
**Abalone Age Prediction** 

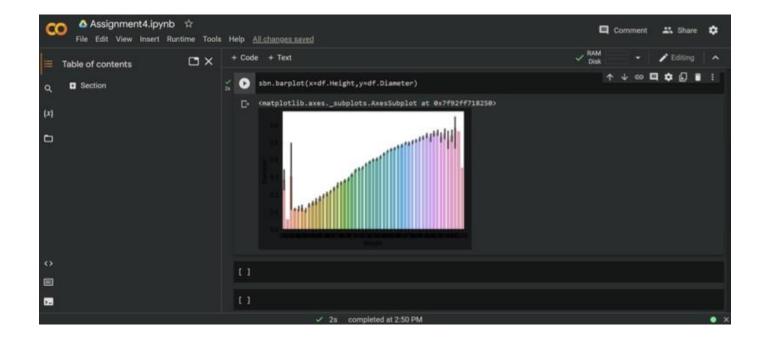
#### LOADING THE DATASET:



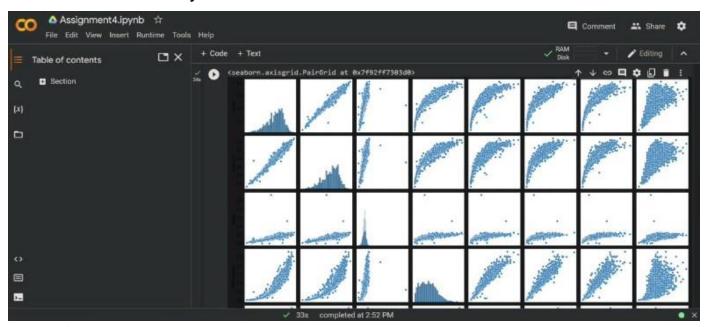
## **VISUALIZATIONS:**

Univariate Analysis Bi-Variate Analysis

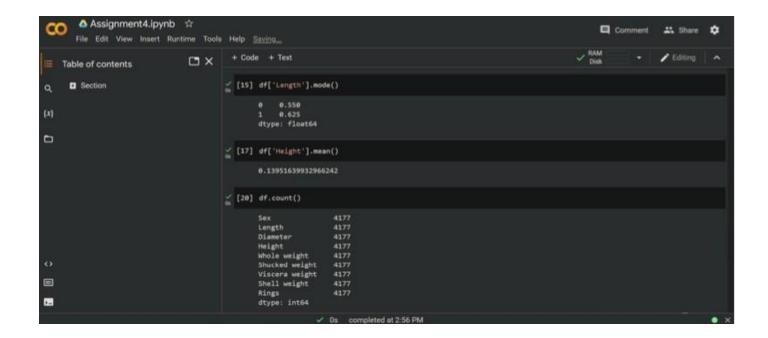


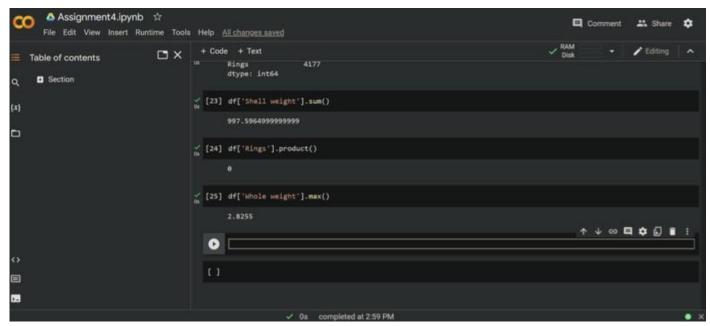


# Multi-Variate Analysis

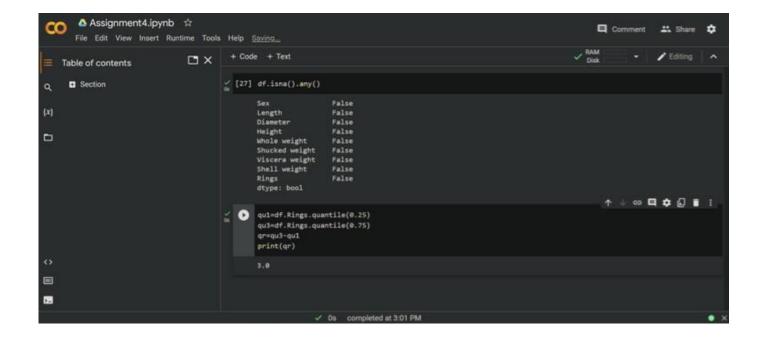


Perform descriptive Analysis on datasets

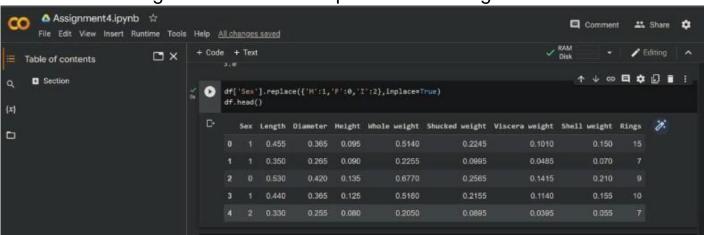




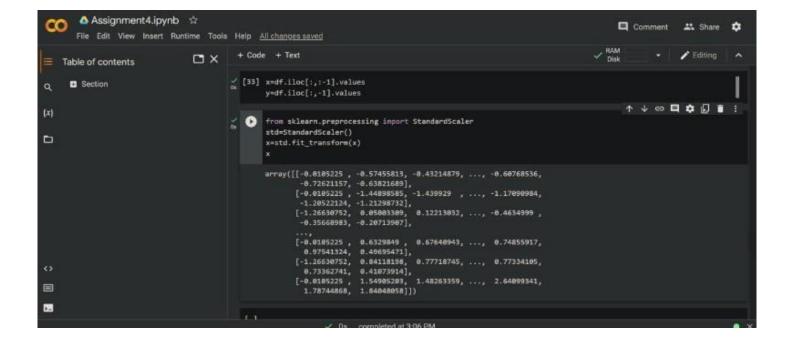
Checking for missing values and deal with them , Finding the outliers and replace them outliers



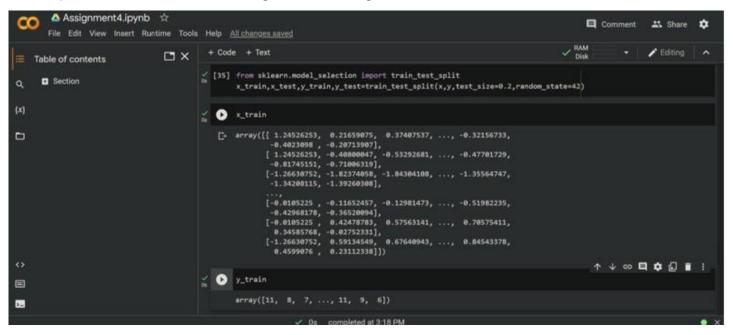
Check for categorical columns and perform encoding

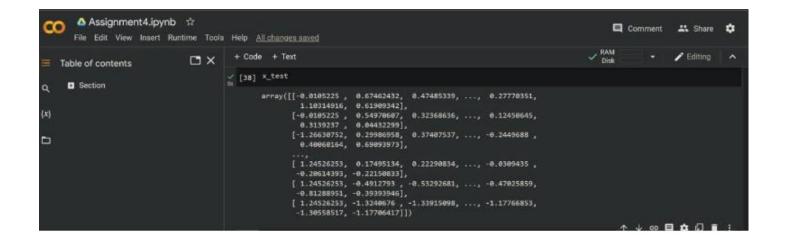


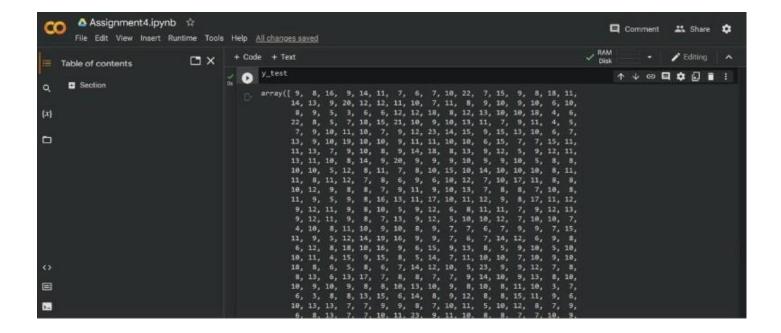
Split the data into dependent and independent variables, Scale the independent variable



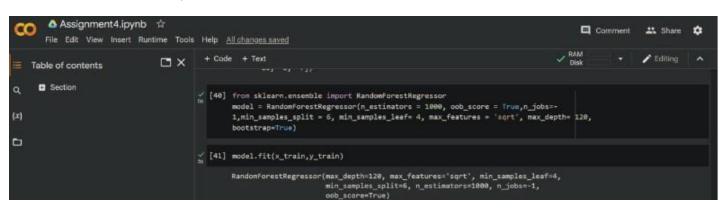
### Split the data into training and testing

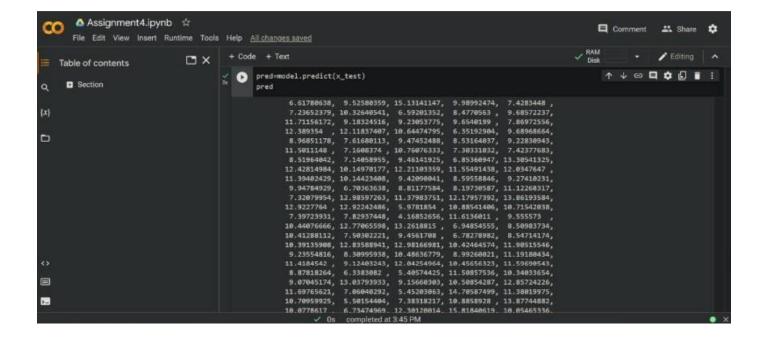






### Build the model, Train the Model Test the Model





Measure the performance using metrics

