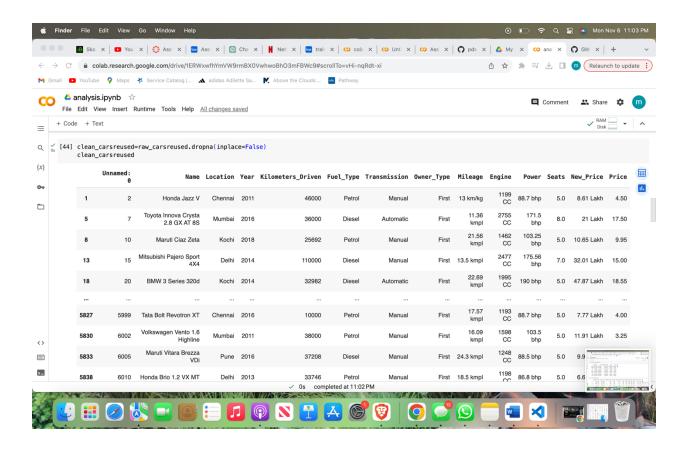
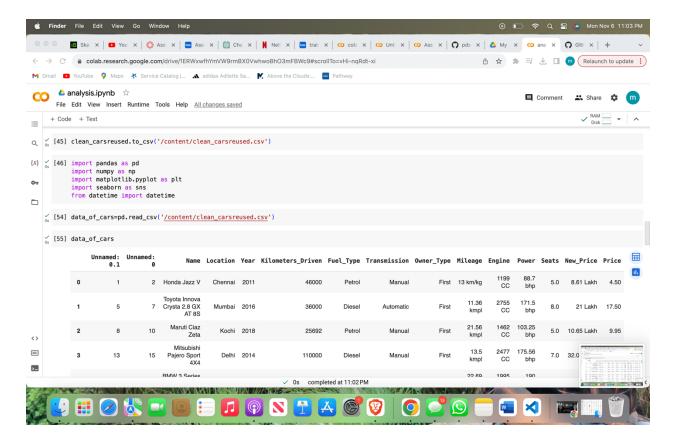
Assignment 2

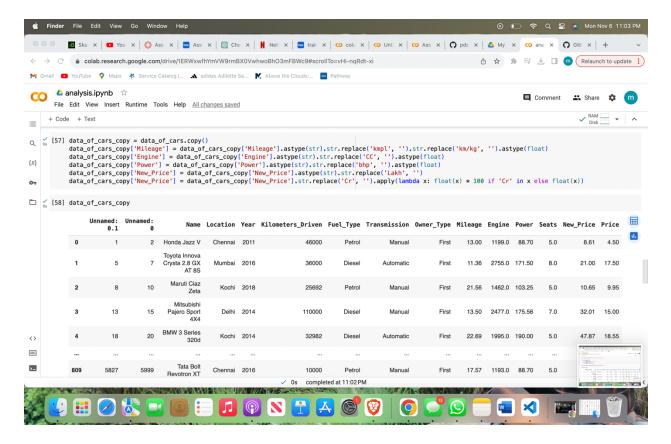
Mohana Sai Kumar Reddy Bobba 16337925

a) Look for the missing values in all the columns and either impute them (replace with mean, median, or mode) or drop them. Justify your action for this task.

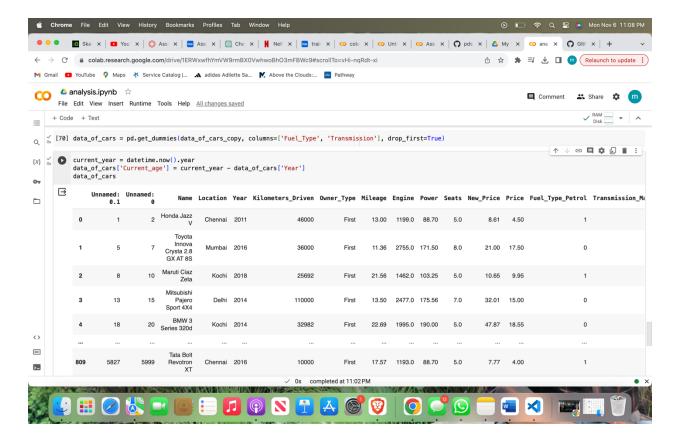




b) Remove the units from some of the attributes and only keep the numerical values (for example remove kmpl from "Mileage", CC from "Engine", bhp from "Power", and lakh from "New_price"). (5 points)



C) Change the categorical variables ("Fuel_Type" and "Transmission") into numerical one hot encoded value. (5 points)



d)Create one more feature and add this column to the dataset (you can use mutate function in R for this). For example, you can calculate the current age of the car by subtracting "Year" value from the current year. (5 points)

