Report

Car Class Project

-Firstly import the necessary libraries

-then load the dataset through pandas library

-then do exploratory data analysis

-we see the data whether it has null values or not

-check how many unique features are there in the data

-then see the target unique values and value counts

-drop the unnecessary column

-drop the target column & assign the data a new variable

-draw boxplot by using seaborn library and see the outliers in the data

-after that do feature scaling as use standard scaler

-then X assign as independent variable data & y assign as dependent variable data

-then split into train test where I assign 20% data as a test data

-after that apply different types of Machine learning techniques

-then see the following metrics:-

1. accuracy,
2. confusion matrix,
3. f1 score