

OPEN SOURCE SOFTWARE LAB (15B17CI575)

Lab Assignment 6 (Practice Lab)

Topic Coverage: Python-Pandas

Pandas Practice Questions

Use Pandas library to answer following questions:

1. From given data set, print first and last five rows.
2. Replace all column values which contain '?' and 'n.a.' with NaN. Update the CSV file.
3. Print All BMW Cars details.
4. Count total cars per company.
5. Find each company's Highest price car.
6. Find the average mileage of each car making company.
7. Merge two data frames using the following condition: Create two data frames using the following two Dicts, Merge two data frames, and append second data frame as a new column to the first data frame.
 - Car_Price = {'Company': ['Toyota', 'Honda', 'BMV', 'Audi'], 'Price': [23845, 17995, 135925, 71400]}
 - Car_Horsepower = {'Company': ['Toyota', 'Honda', 'BMV', 'Audi'], 'horsepower': [141, 80, 182, 160]}