

## Data Wrangling - I

31115  
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### Assign 1

- \* Problem Statement: Perform the following operation using Python
- ① Import all necessary libraries
  - ② locate a dataset & provide description
  - ③ data processing using describe() check dimensions
  - ④ data formatting & normalization summarize type of variables & checking if they're of correct datatypes.
  - ⑤ Turn categorical data in quantitative variable

- \* Objectives: To learn
- ① Import libraries & dataset
  - ② Do data preprocessing
  - ③ Implement data formatting

- \* Theory
- libraries used :
- pandas: for dataframe manipulation

- ② Methodology:
- 1) Importing libraries
  - 2) loading dataset
  - 3) data preprocessing
  - 4) check datatypes
  - 5) Handling missing values
  - 6) Categorical to numerical

- \* Conclusion:
- We have successfully performed data wrangling on the cars data set.