|  |  |
| --- | --- |
| Project Case Study: | **Auto MPG Predication** |
|  | This dataset was taken from the StatLib library which is maintained at Carnegie Mellon University. The dataset was used in the 1983 American Statistical Association Exposition. |
| Data Set Link | https://archive.ics.uci.edu/ml/machine-learning-databases/auto-mpg/auto-mpg.data |
| **Attribute Information:**  1. mpg: continuous (Predicated Variable)  2. cylinders: multi-valued discrete (Input Variable)  3. displacement: continuous (Input Variable)  4. horsepower: continuous (Input Variable)  5. weight: continuous (Input Variable)  6. acceleration: continuous (Input Variable)  7. model year: multi-valued discrete  8. origin: multi-valued discrete  9. car name: string (unique for each instance) | |
| **Task:**  **Create any regression based equation to predict mpg variable based on input variables given** | |