

ASSIGNMENT NO 1

NAME : ATISH MANIK SHINDE

ROLL NO : 358

BATCH : C3

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PROBLEM STATEMENTS FOR GIVEN DATASET

1. What is the total number of vehicles in the dataset?
2. Which manufacturer has the highest sales?
3. Which vehicle has the highest price?
4. What is the average engine size across all vehicles?
5. Which vehicle has the highest horsepower?
6. What is the average curb weight of passenger vehicles?
7. How many vehicles have a fuel efficiency greater than 25 miles per gallon?
8. Which vehicle has the longest wheelbase?
9. What is the average length of all vehicles?
10. How many vehicles were launched in 2012?
11. Which vehicle has the highest fuel capacity?
12. What is the average width of all vehicles?
13. Which manufacturer has the highest average fuel efficiency?
14. How many passenger cars have a curb weight below 3,000 pounds?

15. Which vehicle has the highest sales among cars?
16. What is the average price of vehicles with a fuel efficiency greater than 20 miles per gallon?
17. Which manufacturer has the highest average horsepower?
18. How many vehicles have a launch date in the second half of the year?
19. What is the average sales of vehicles with an engine size greater than 3.0?
20. Which vehicle has the highest sales-to-price ratio?