

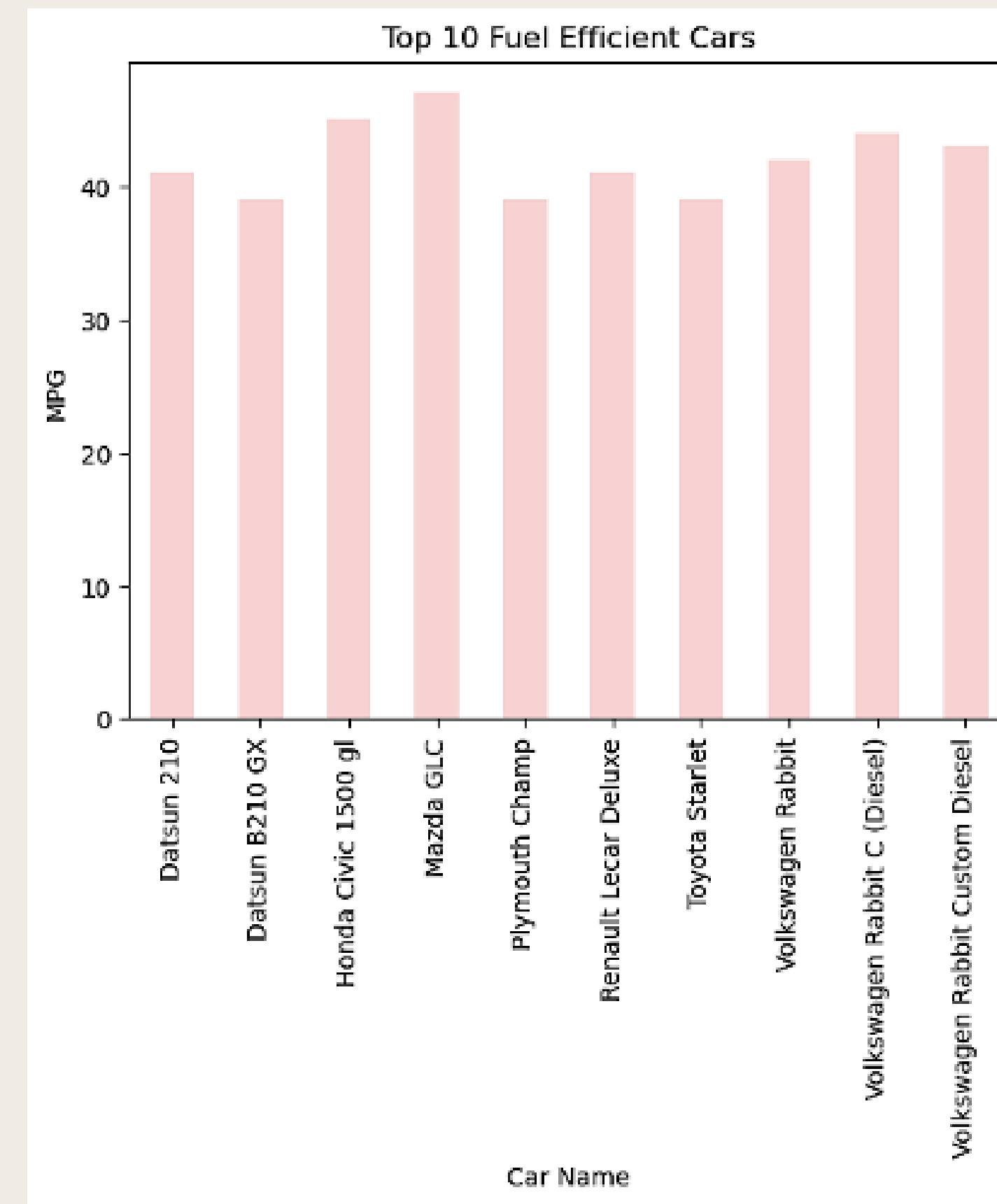
INTRODUCTION TO DATA SCIENCES

**MOHAMED KHAIRI
ABDELRAHMAN GAMAL
KAREEM YASSER**

GROUP 11
CARS DATASET



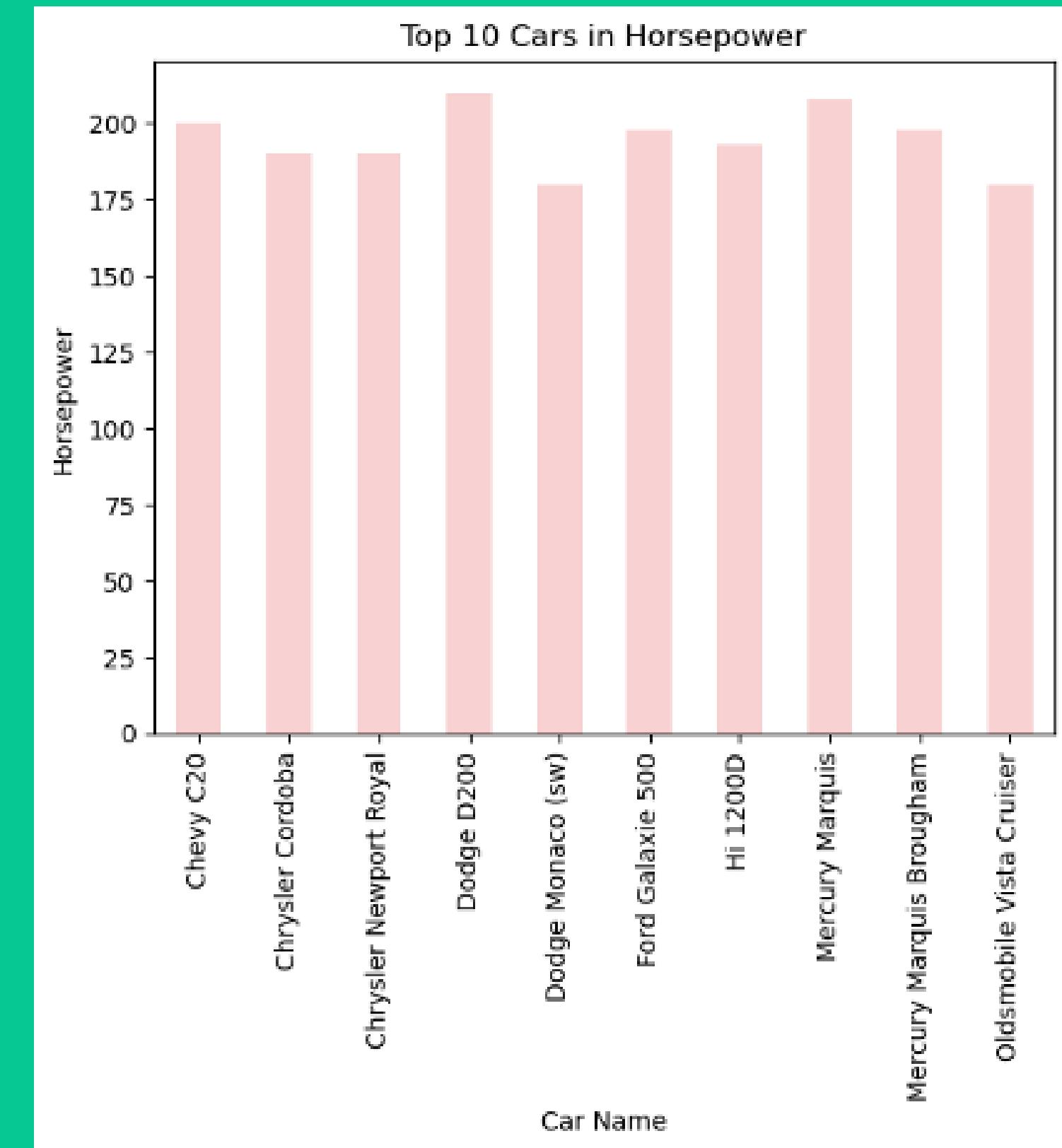
TOP 10 CARS IN TERMS OF FUEL EFFICIENCY



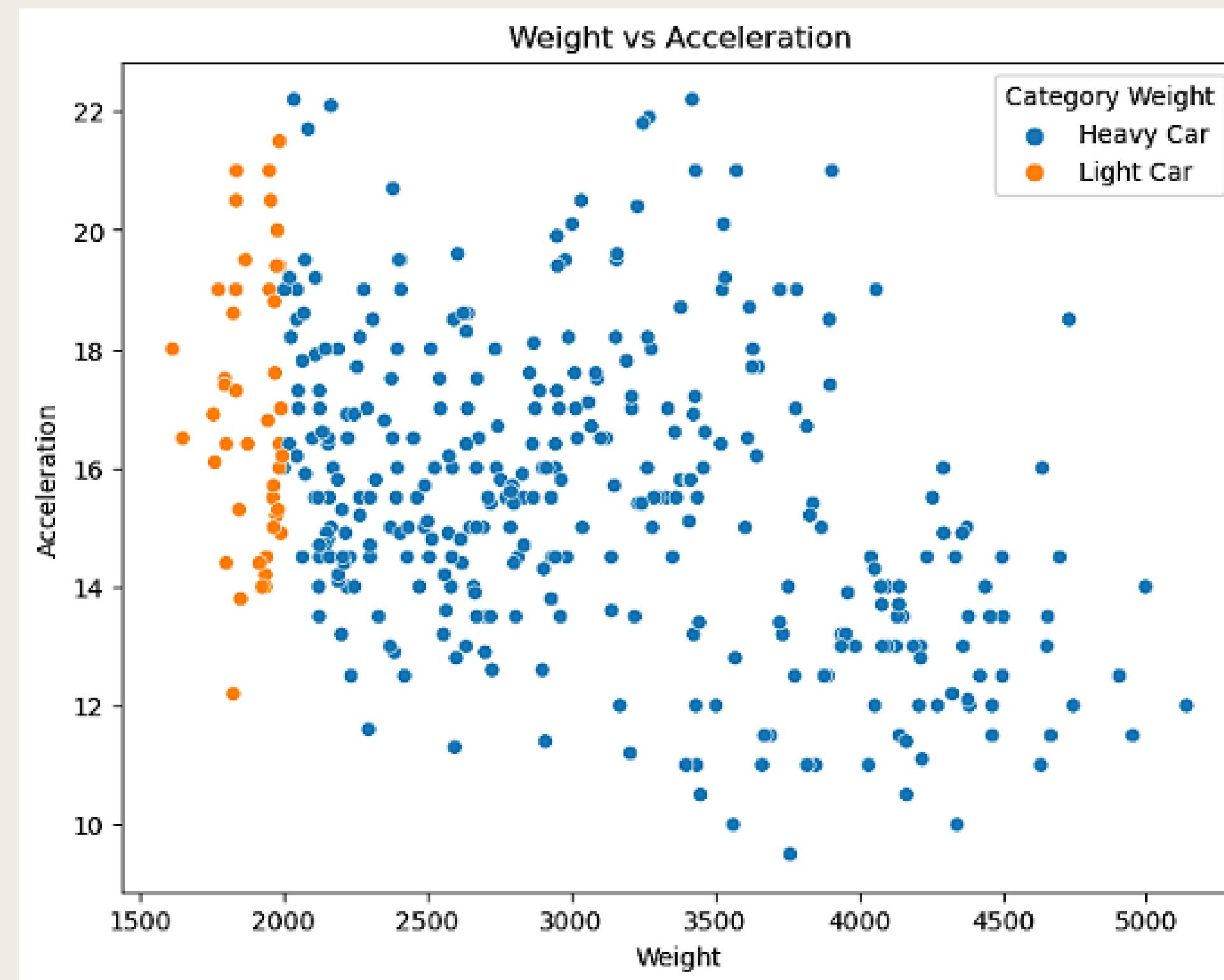
TOP 10 CARS IN TERMS OF HORSEPOWER

This is a table containing the name of each car, the number of cylinders, displacement, and horsepower

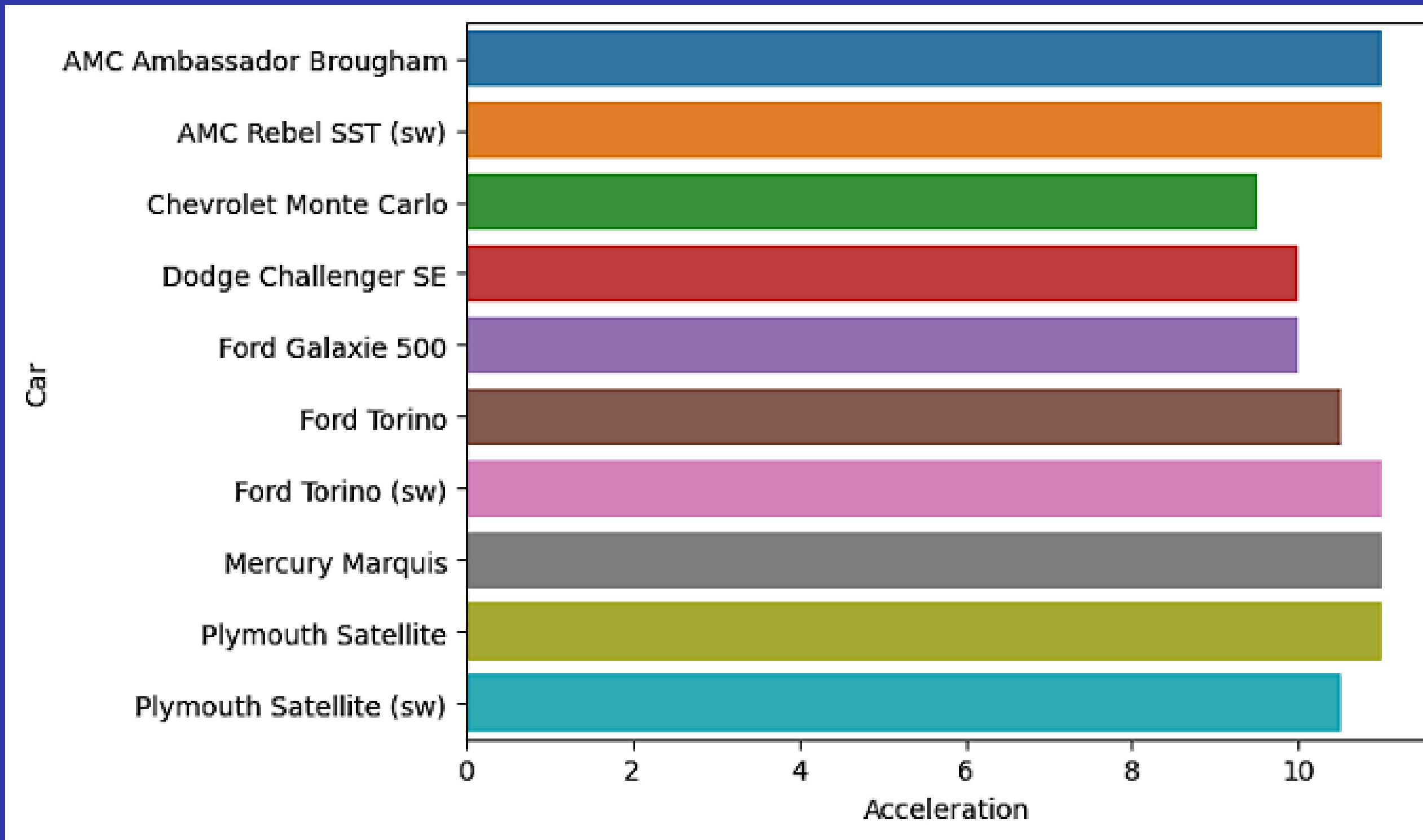
	Car	Cylinders	Displacement	Horsepower
0	Chevy C20	8	307.0	200.0
1	Chrysler Cordoba	8	400.0	190.0
2	Chrysler Newport Royal	8	400.0	190.0
3	Dodge D200	8	318.0	210.0
4	Dodge Monaco (sw)	8	383.0	180.0
5	Ford Galaxie 500	8	429.0	198.0
6	Hi 1200D	8	304.0	193.0
7	Mercury Marquis	8	429.0	208.0
8	Mercury Marquis Brougham	8	429.0	198.0
9	Oldsmobile Vista Cruiser	8	350.0	180.0



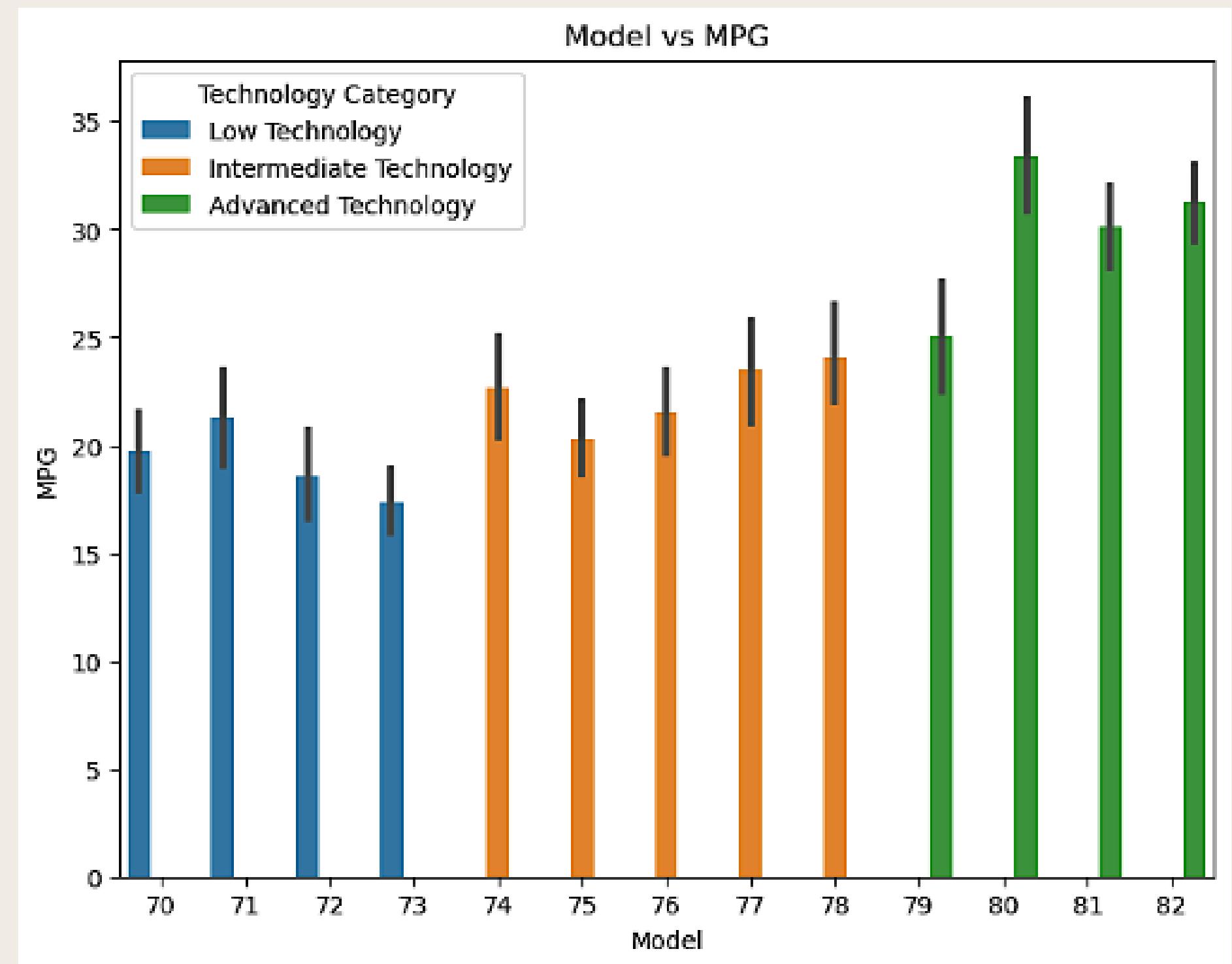
THE MOST LIGHT CARS HAVE HIGHER ACCELERATION THAN HEAVY CARS



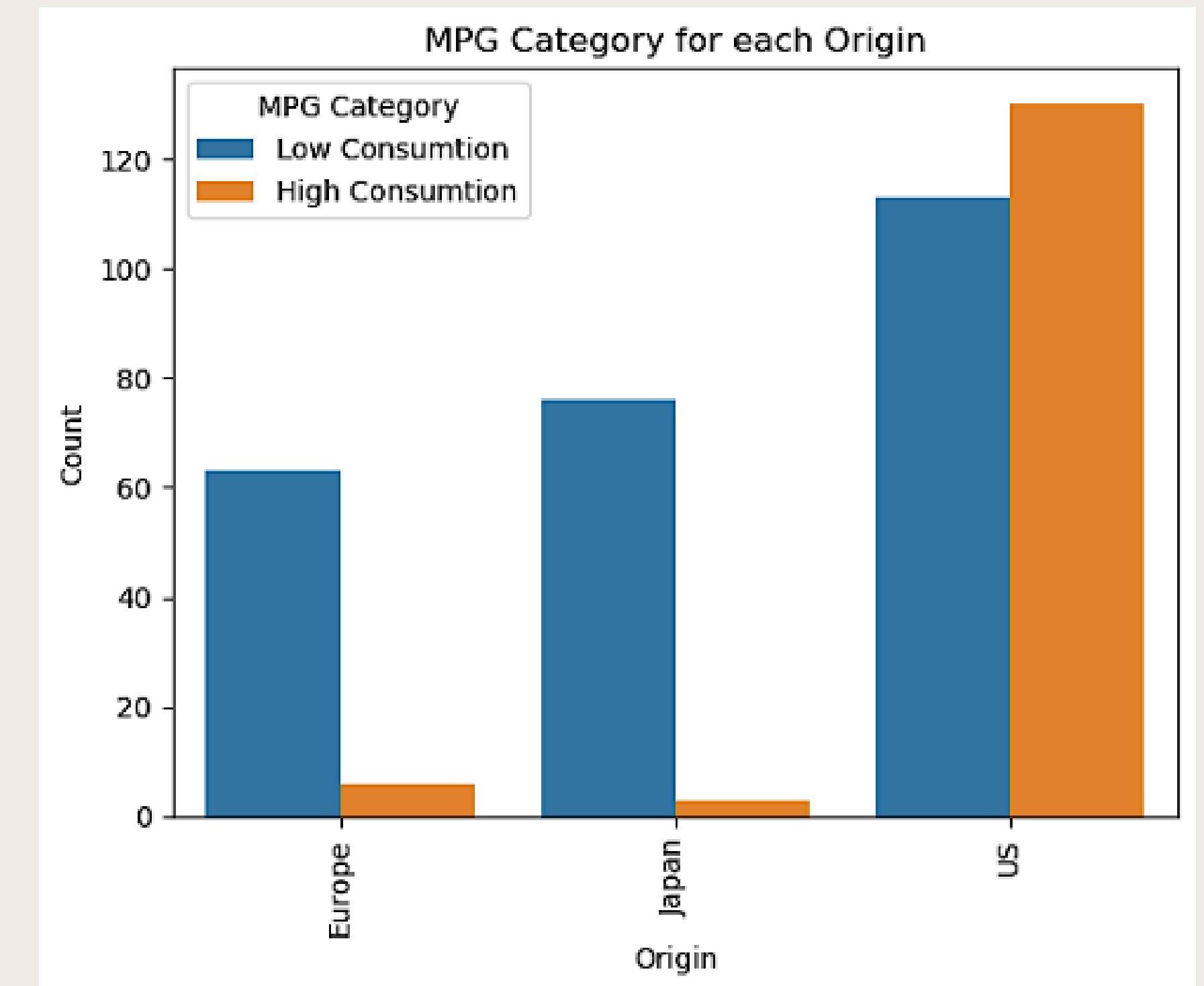
TOP 10 CARS IN TERMS OF ACCELERATION



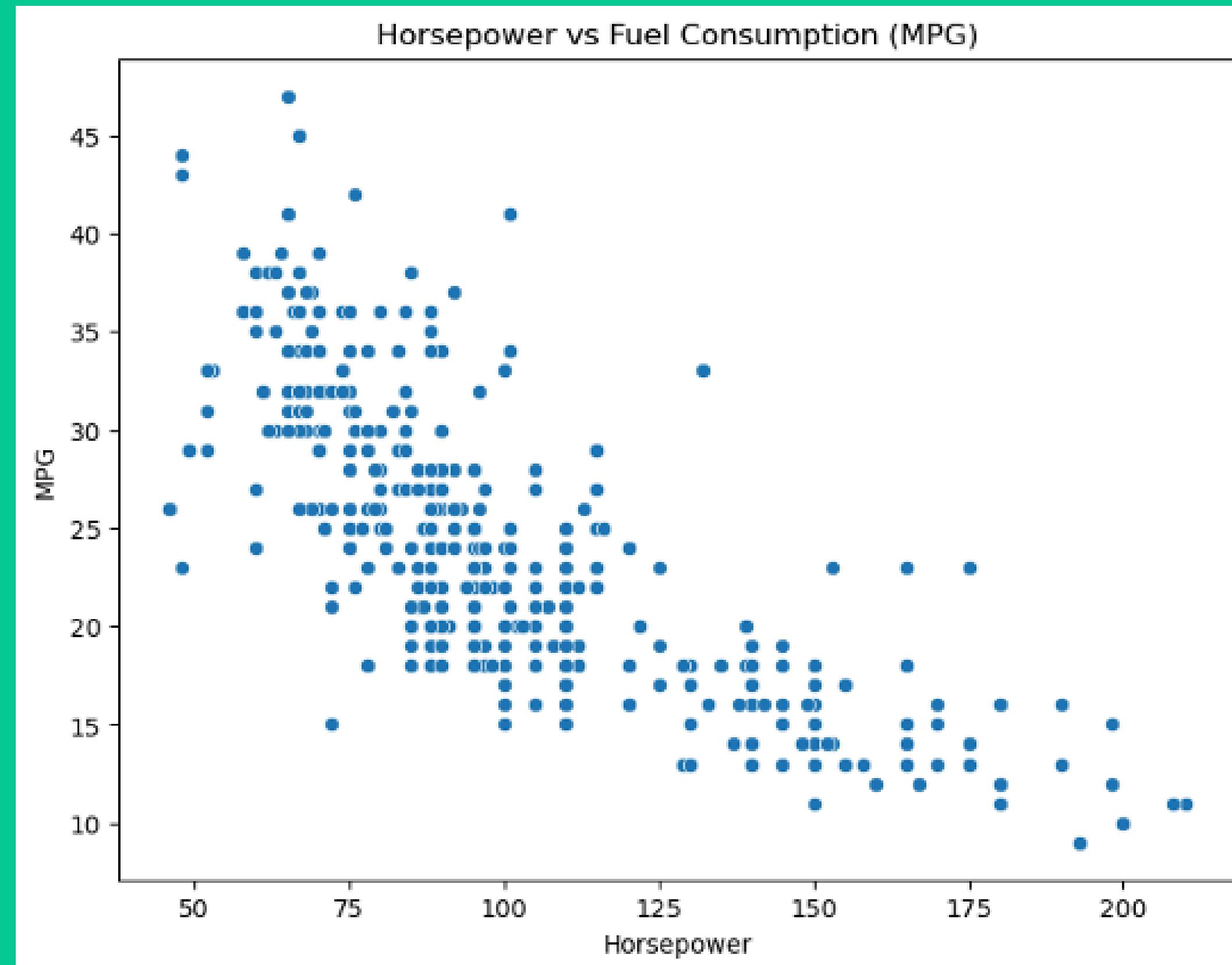
CARS WITH ADVANCED TECHNOLOGY COULD COVER HIGH DISTANCE



- **US CARS HAVE THE BEST FUEL CONSUMPTION “LOW CONSUMPTION” IN HIGH DISTANCE**
- **WHILE JAPAN COMES NEXT AND THE WORST IN FUEL CONSUMPTION IS EUROPE**



CARS WITH HIGH HORSEPOWER CONSUME MORE MPG OVER LONG DISTANCES

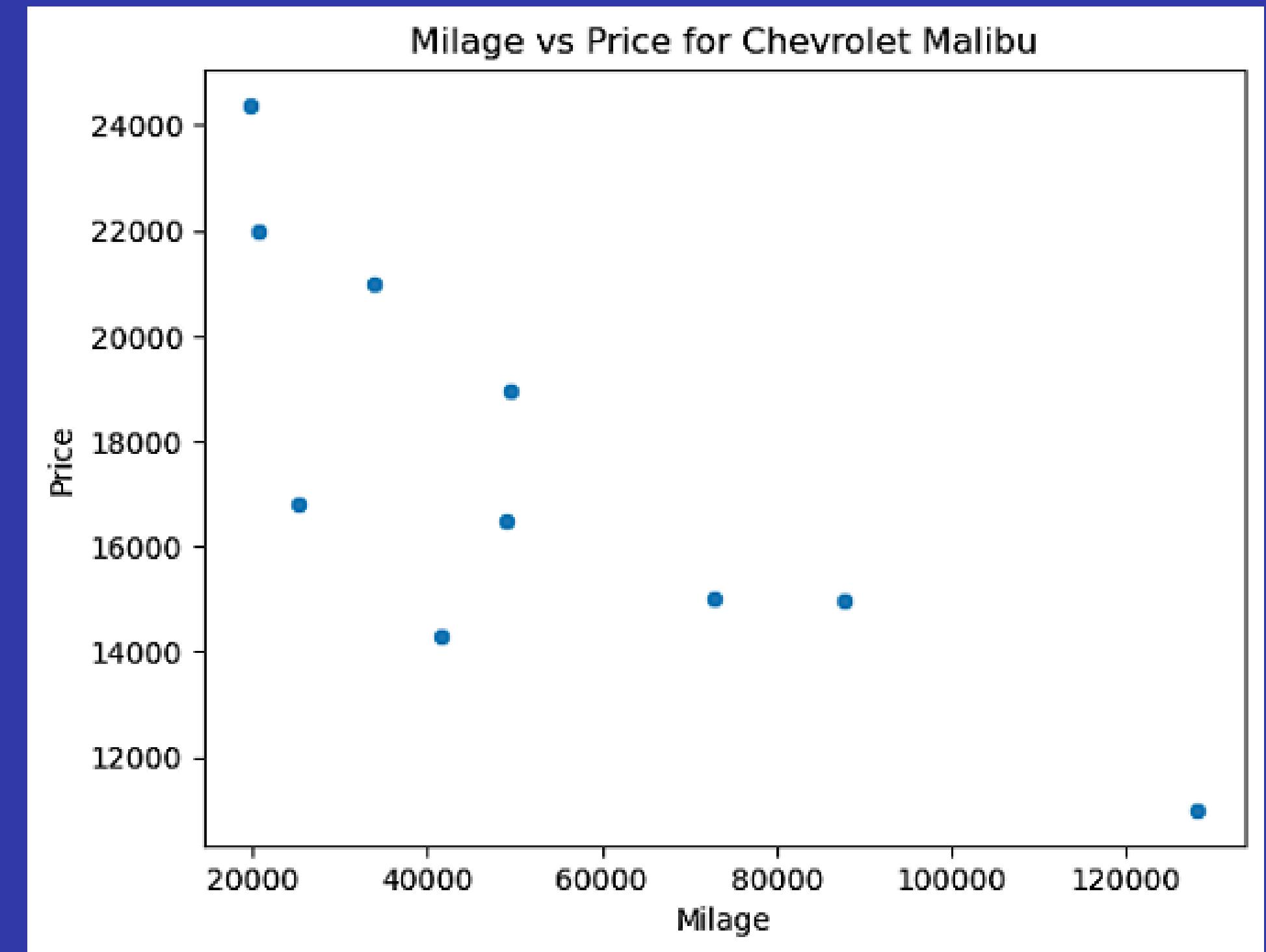


HYPOTHESIS: THERE NO RELATIONSHIP BETWEEN MILAGE OF CHEVROLET MALIBU AND IT'S PRICE

T-SCORE: 4.684052650028221

T-TABLE: 1.685

REJECT THE H₀ 'NULL HYPOTHESIS'



**THANK YOU FOR LISTENING
QUESTIONS ?**

