Chapter 2.4 Applied Solutions

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Applied

Question 9a.

The predictors that are **quantitative** are mpg, cylinders, horsepower, displacement, and weight. The predictors that are **qualitative** are origin and year.

Question 9b.

Range of quantitative predictors
mpg = 37.6
cylinders = 5
displacement = 387
weight = 3527

Question 9c.

Mean of quantitative predictors
mpg = 23.52
cylinders = 4
displacement = 193.5
weight = 2970

Standard deviation of quantitative predictors
mpg = 7.825804
cylinders = 1.701577
displacement = 104.3796
weight = 847.9041