

Data Table Description

The data table for this exam contains data from the 2011 Fuel Economy Guide, published by the U.S. Department of Energy.

Analysis Scenario: Imagine that you are shopping for a new vehicle. Fuel economy is important to you, but so are other features. You found a data table on the internet which contains a large amount of data for 2011 vehicles (68 columns in all). The important data columns for the purposes of your analysis are described below.

Important Data Table Columns:

Model Yr - All data is for 2011 vehicles

Manufacturer – Vehicles from 28 companies are included in this data table

Transmission Type - Vehicle transmissions are organized by type

City Fuel Efficiency – Miles per gallon of gasoline under city driving conditions

Hwy Fuel Efficiency – Miles per gallon of gasoline under highway driving conditions

Combined Fuel Efficiency – Miles per gallon of gasoline under mixed city/hwy driving conditions

Cylinders – Number of cylinders in the vehicle engine

Air Aspiration Method – Engine air intake mechanism

Carline – Vehicle name

Carline Class – Vehicle category

Model Type Index – Identifies specific model type

Release Date – When the 2011 model is available for purchase

4-Door Passenger Volume – Space dedicated to passengers (cubic feet)

4-Door Luggage Volume – Space dedicated to cargo (cubic feet)