

2018 Vehicles Dataset Attributes and Descriptions

Attribute	Description
Mfr Name	Manufacturer name
Division	Company name
Carline	Model name of the vehicle
Hybrid	Identifies whether the vehicle has a hybrid engine (Y, N) such that it utilizes more than one form of onboard energy to achieve propulsion. A hybrid will have a traditional engine and fuel tank, as well as one or more electric motors and a battery pack
# Cyl	Number of cylinders in an engine
City FE	Estimated miles per gallon in city driving
Hwy FE	Estimated miles per gallon in highway driving
Comb FE	Estimated miles per gallon in a combination of city driving (55%) and highway driving (45%)
Tailpipe CO2	Amount of grams of CO2 per mile the vehicle emits. The best emits 0 grams of CO2 per mile (tailpipe only). Producing and distributing fuel also creates emissions that aren't part of this calculation.
Transmission	Identifies vehicles as manual or automatic transmission
No_Gears	Number of transmission gears
AnnualFuel_Cost	Estimated annual fuel cost assuming 15,000 miles per year (55% city and 45% highway) and average fuel price
Money saved over 5 years	Fuel cost savings or extra expenditure compared to an "average" new vehicle of the same model year (25 mpg for model year 2018)
DriveDesc	Drivetrain (2-wheel, 4-wheel, or all-wheel)
Type	Identifies the vehicle as car, SUV, van, minivan, or truck
FE Rating	Compares fuel economy to those of other vehicles of the same model year on a scale of 1 (worst) to 10 (best).
GHG Rating	Compares tailpipe greenhouse gas emissions to those of other vehicles of the same model year on a scale of 1 (worst) to 10 (best).
Smog Rating	Compared tailpipe emissions of smog-producing pollutants to those of other vehicles of the same model year on a scale of 1 (worst) to 10 (best).