

Report on Cars Dataset

Data Cleaning Stage:

- The MPG column has zero values so we have to replace them with the average of the overall values for each car.

(Citroen DS-21 Pallas, Chevrolet Chevelle Concours (sw), Ford Torino (sw),

Plymouth Satellite (sw), AMC Rebel SST (sw), Ford Mustang Boss 302, Volkswagen Super Beetle 117, Saab 900s).

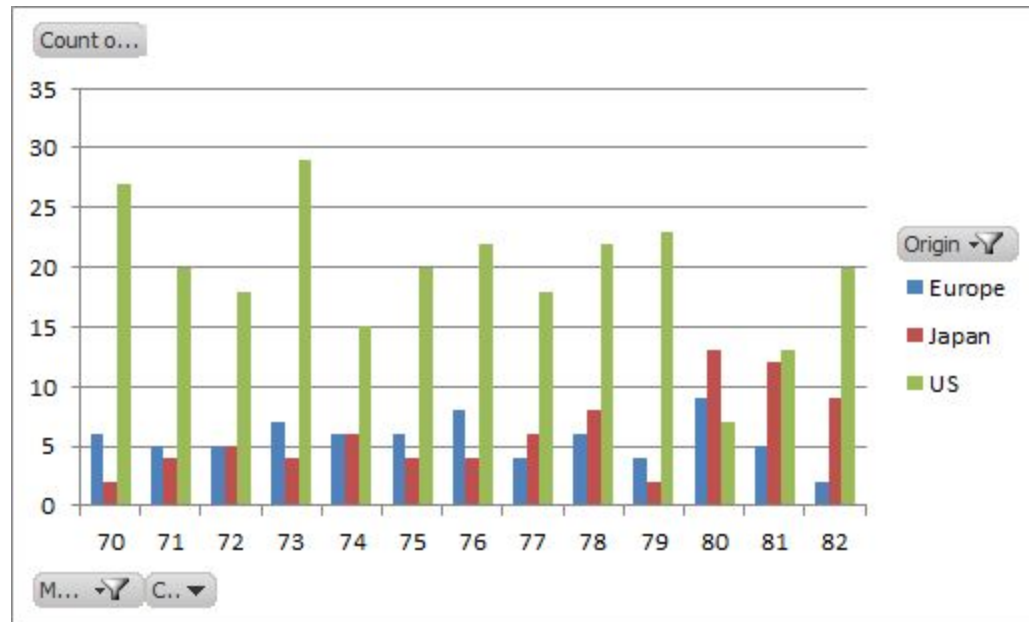
- The Horsepower column also has zero values so we did the same thing we did for the MPG column.

(Ford Pinto, Ford Maverick, Honda Civic 1500 gl, Ford Mustang Cobra, Renault 18i, AMC Concord DL)

Data Analysis Stage:

1. From analyzing the **Origin** column and **Model** column we found that:
 - The **US** is the country that produces cars **more** than the others with a total 254.
 - **Europ** produces **less** than the other counties 73.
 - In **73** year **US** produced **29** cars specially from the "Chevrolet" category.
 - In **77** **Japan** worked hard to produce much more cars and **Europe** downs till now.
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Simple Chart:



2. From analyzing the **acceleration**, **weight**, **cylinder** columns we found:

- The **height** the **weight**, the **more** the **cylinder**, the **less** the **acceleration**.
- The **maximum** average of **acceleration** is with **the 4 cylinder** and the average **acceleration** is **3270**.

Simple Chart:

