**Car Sales:**

**Tasks:**

1. Import the **Stock** dataset from the **Cars Table** excel file
2. Create a **measures table** to hold all of your measures
   * Click **New Table** and create a table labeled **All Measures**
3. **DAX Functions:**
   * **COUNTROWS**:

- Count the number of rows in the tables

* + **COUNTBLANK:**

**-** Check to see if there are any blank cells in our data set

* + **DISTINCTCOUNT**

**-** Count the number of distinct values in **Make**

* + **MIN:**

- Calculate Min cost price overall

- Calculate Min Cost price for a Jaguar. Repeat this for the other car makes and compare the minimum costs

* + **MAX:** Calculate Max labor price for all car makes
* **IF**:
  + Create a new column and use the IF statement, where if the vehicle type is a convertible the resulting output is “Buy”, else the output is “Pass”
  + Similarly, create a new column and use the IF statement, where if the vehicle cost price is over $20 000, the resulting output is “Out of Budget”, else the output is “Buy”
* **OR:**
  + Create a new column that prints out True is the car make is a Jaguar or an Ason Martin
* **AND:**
  + Create a new column that prints out Buy is the make is a Jaguar **and** the vehicle type is a convertible; otherwise it prints out pass

To Try Out:

* + **MEDIAN** and **AVERAGE**
  + Determine the Median and Average values for CostPrice for all Makes (i.e. Rolls Royce, Aston Martin, etc.)
  + Visualize and compare these values for each “car make” in two simple bar charts, one chart for Median and one for Average values