

1. Load Data:

Load the three CSV files into Power BI.

2. Clean Data:

Perform any necessary data cleaning, handling null values, and changing data types.

3. Power Performance Factor Conditional Column:

Assuming you want to add a new conditional column named "PerformanceGroup" based on the "Power Performance Factor" column:

Create Conditional Column:

Select the table in Power BI where you want to add the conditional column.

Go to the "Modeling" tab.

Click on "New Column" in the Calculations group.

Use the following DAX formula:

4. Create Parameter for Vehicle Type:

Create Parameter:

Go to the "Home" tab.

Click on "New Parameter" in the External Data group.

Define a parameter name (e.g., VehicleType) and set the values accordingly (e.g., Sedan, SUV, Truck).

Use Parameter in Analysis:

In your visuals, use the VehicleType parameter in slicers or filters to analyze data based on the selected vehicle type.

5. Analyze Data:

Use the Power BI interface to create visualizations and analyze the data based on the created conditional column and parameter.

6. Save and Refresh:

Save your Power BI file after making these changes. If your source data changes, you can refresh the data in Power BI to update your visualizations.