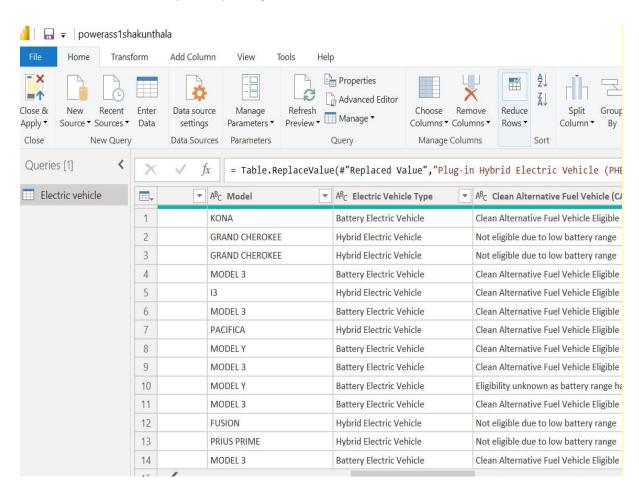
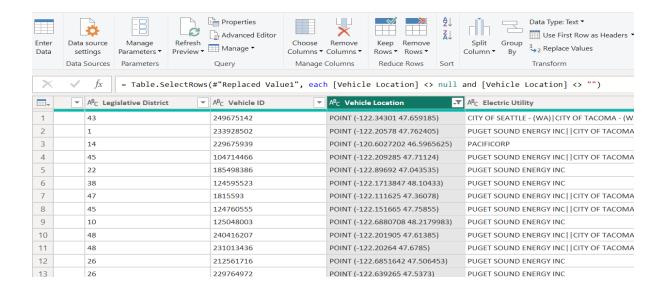
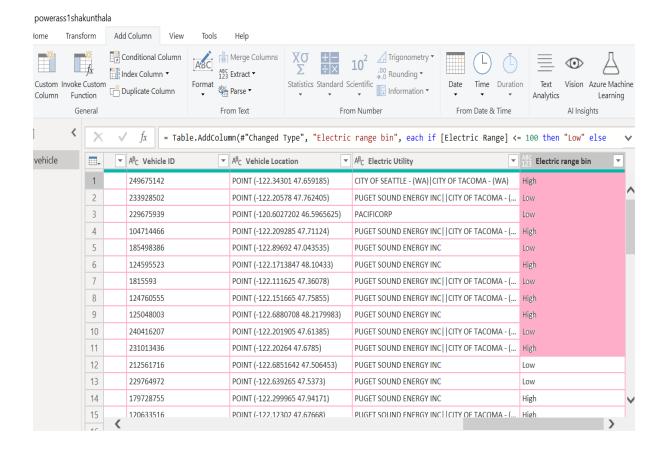
- 1. Import the attached CSV files (Electric Vehicle Population dataset.csv).
- 2. Perform the following data cleaning operations in PowerBI.
 - a. Rename the values of Electric vehicle type column. Battery Electric Vehicle (BEV) to Battery Electric Vehicle. Plug-in Hybrid Electric Vehicle (PHEV) to Hybrid Electric Vehicle.



 Exclude all the records from all the analysis where Vehicle Location column is Blank

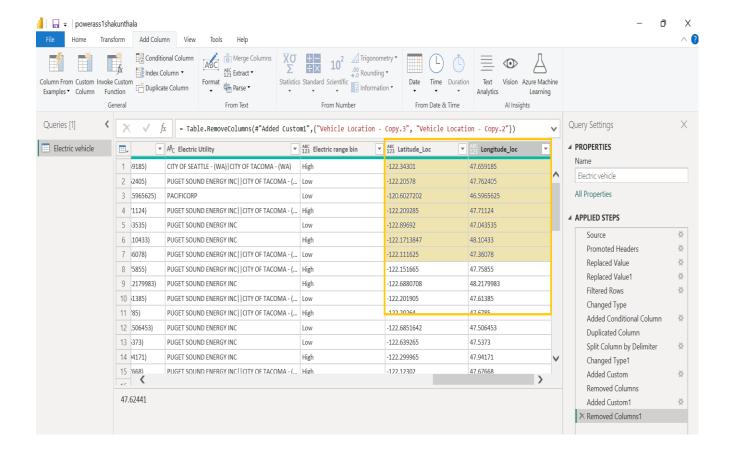


c. Create a new variable Electric Range Bin which will have 3 values (High, low or Medium). If electric range column has value 0-100 then value will be low, if 101-200 then medium, if greater than 200 then High.



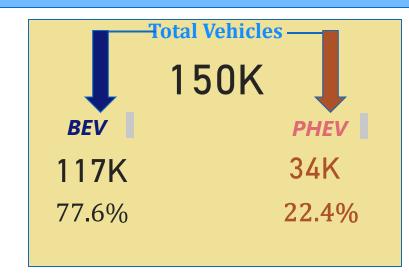
d. In vehicle location column, latitudes and longitudes of the locations are given. Create 2 new columns based on this column. First column name will be Latitude_location which will have first numeric value and 2nd column will be Longitude_location which will have second numeric value.

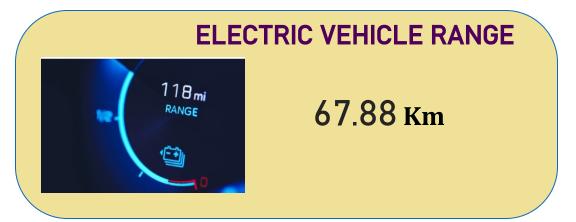
Eg: POINT (-122.34301 47.659185) will have -122.34301 in latitude_location and 47.659185 in longitude_location.

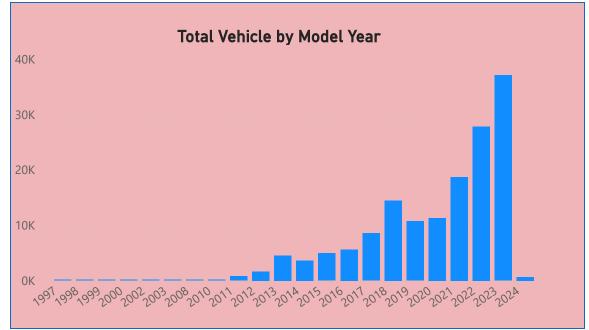


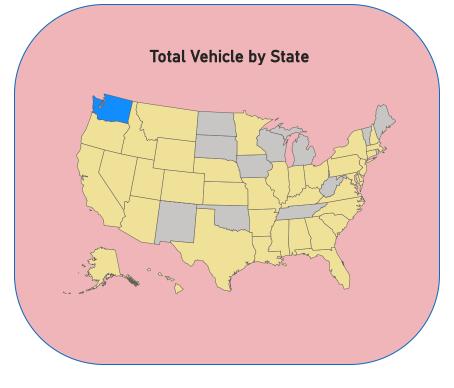
ELECTRIC VEHICLE DATA ANALYSIS











ELECTRIC VEHICLE DATA ANALYSIS

