

# Data Analysis Project

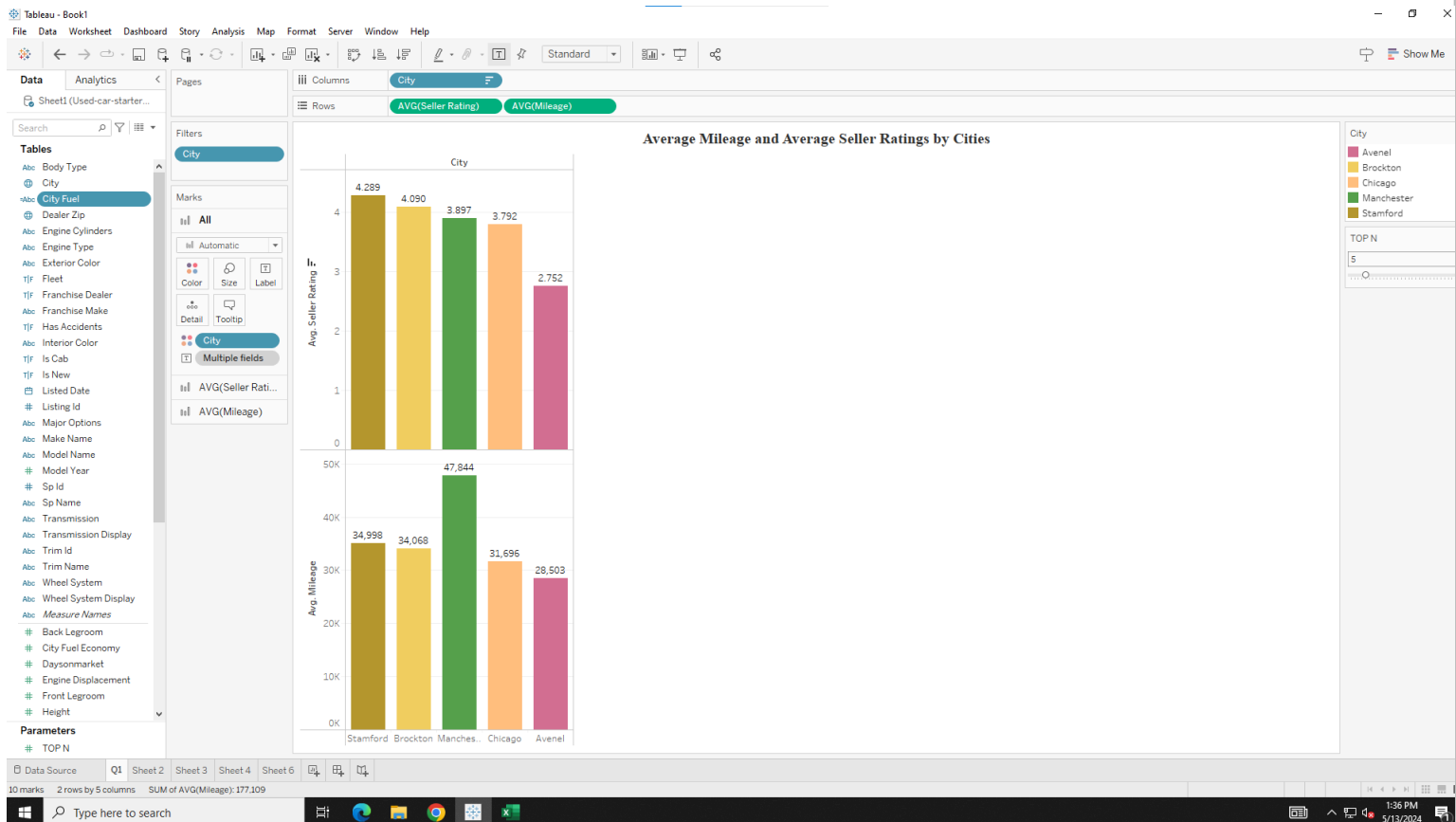
Team members' names

Nhinhi Nguyen and Steven Pham

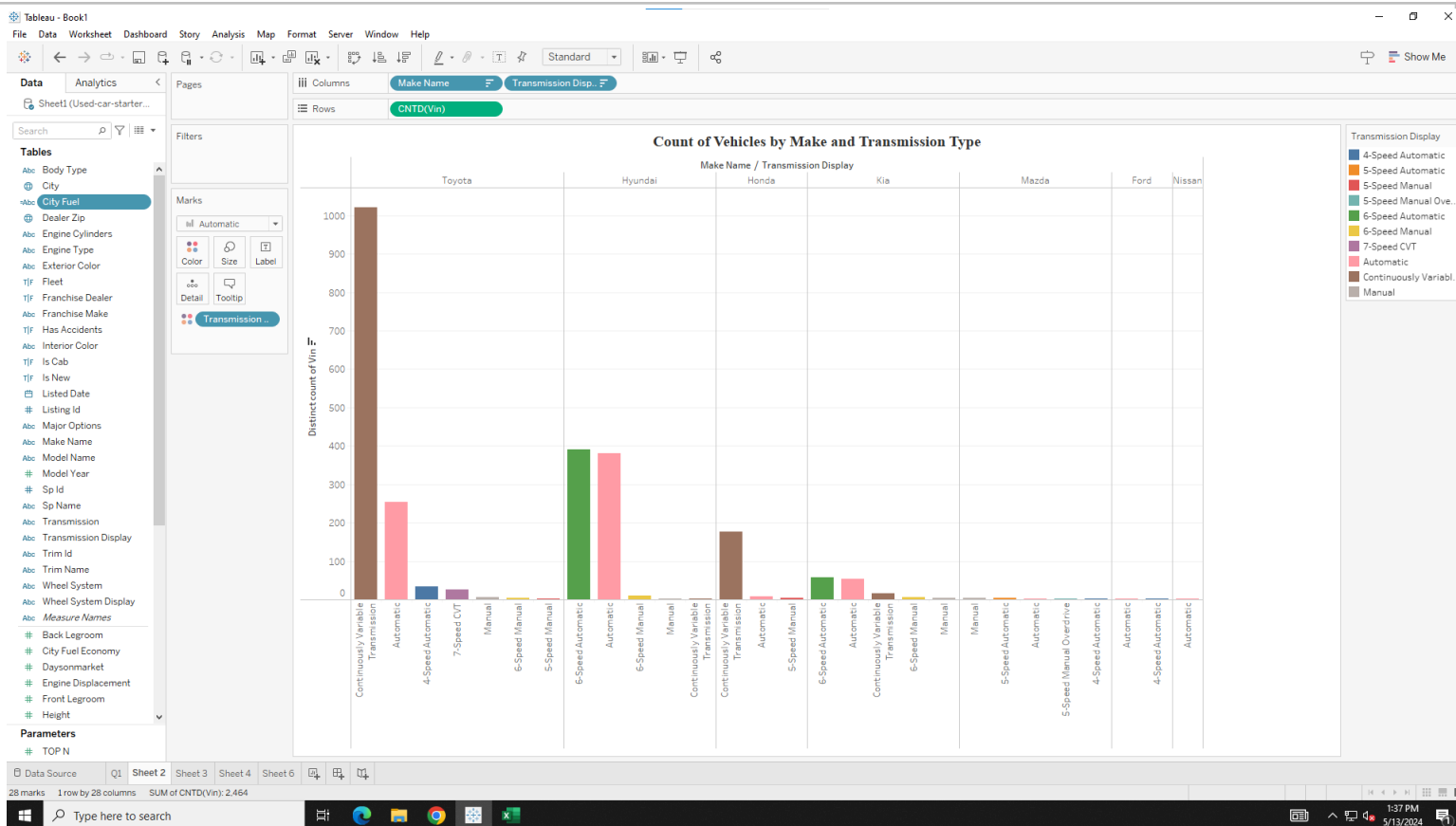
## 10 questions that you want to answer and the screenshots of Query designs and query outputs

Please type your questions here and put the screenshots of query design and query output under each question

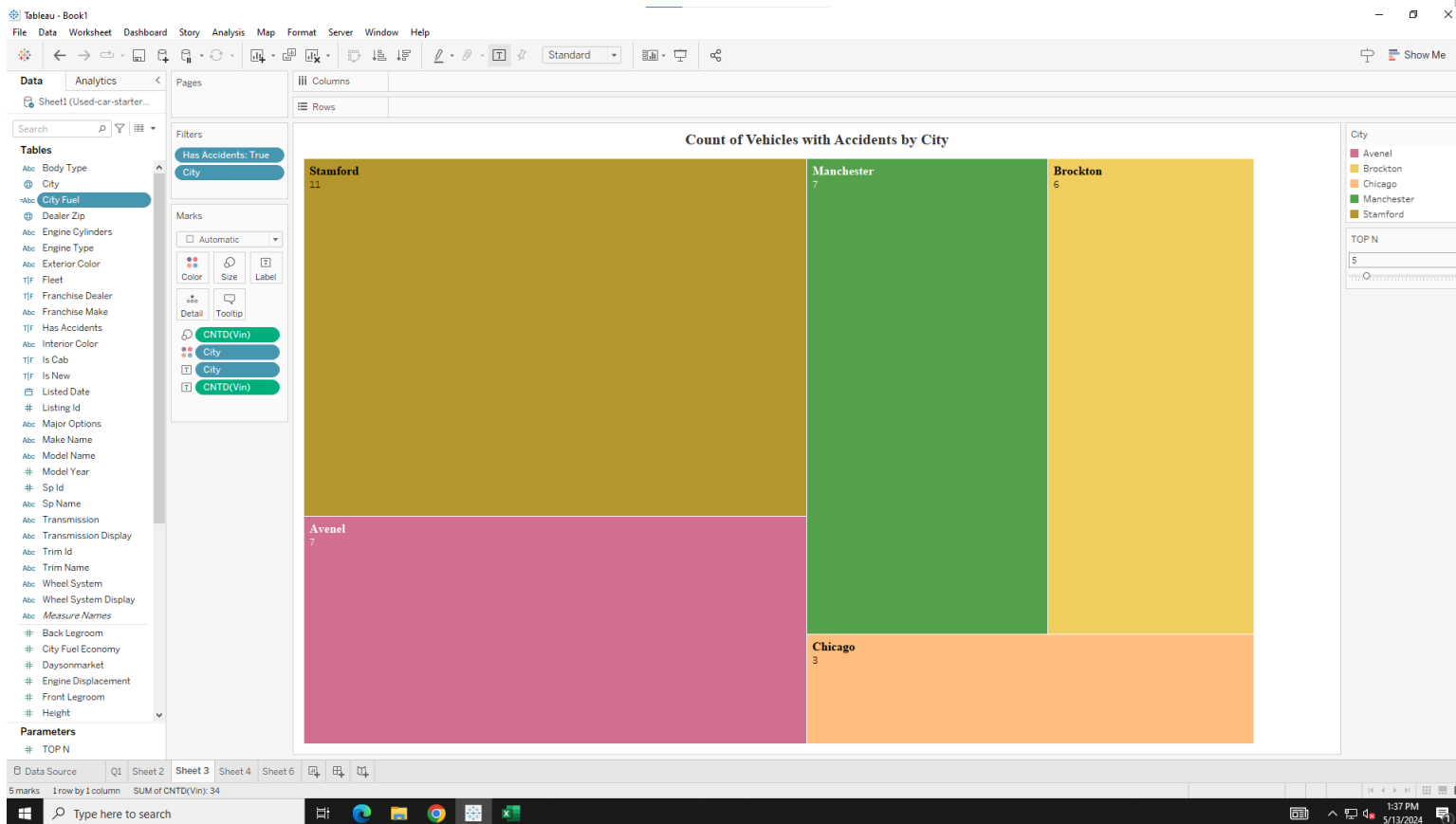
1. Display the top 10 (or however much the user wants) cities based on their average seller ratings and average car mileage.  
(parameter)



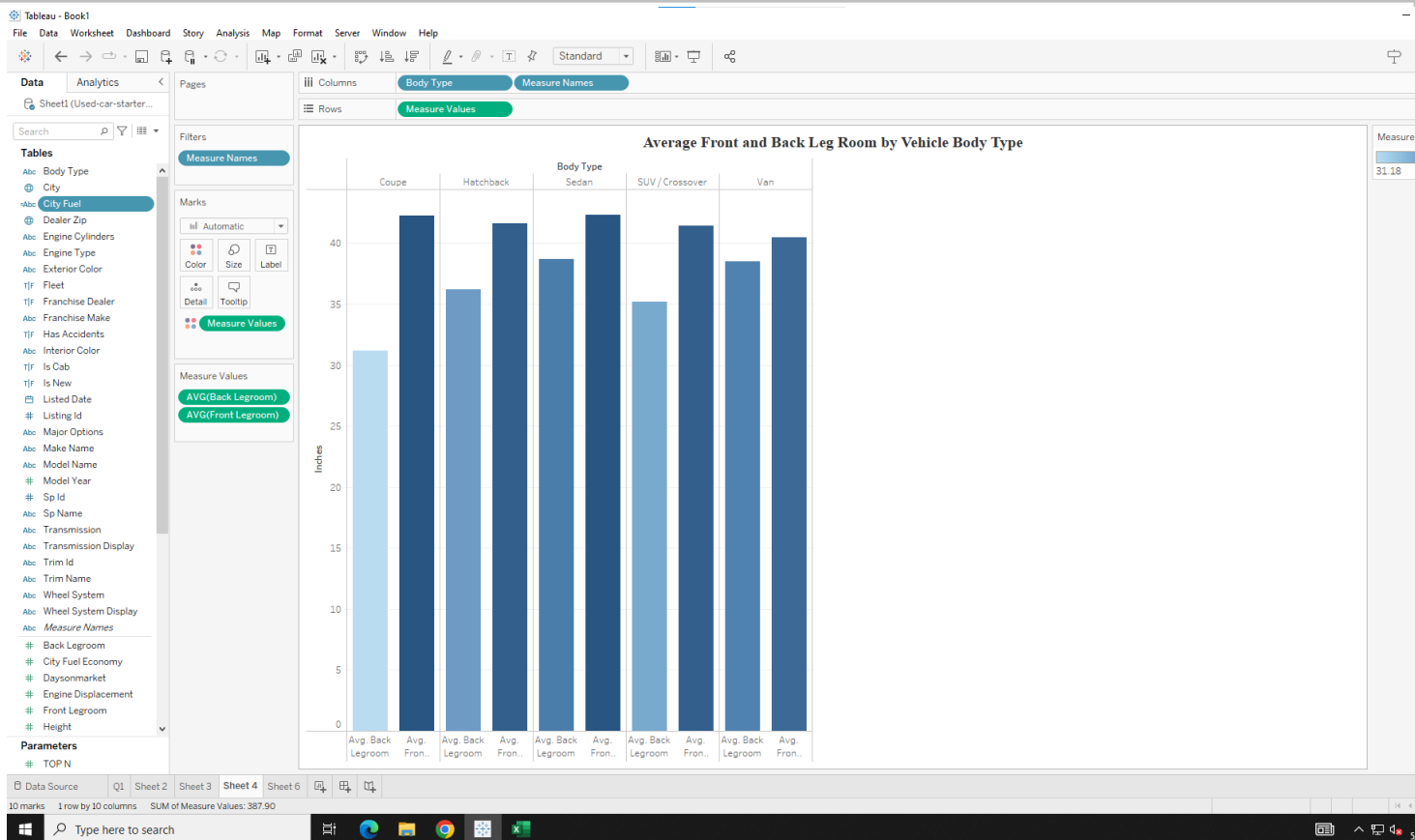
2. Display the count of cars of each make and what type of transmissions the cars have.



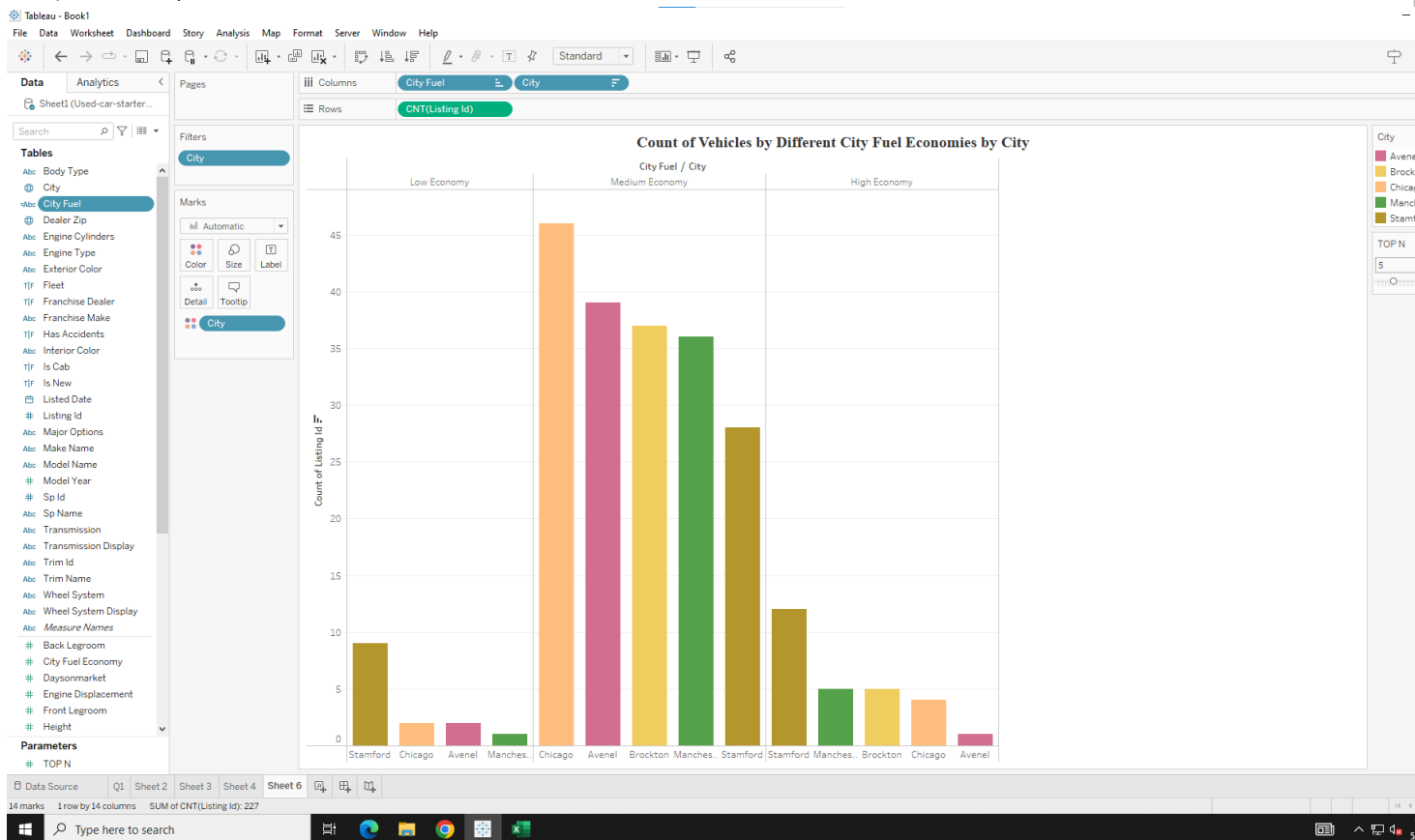
3. Create a treemap to show how many cars have accidents in each city. (parameter)



4. Show the average front leg room and back leg room for the different types of body types.



5. Create a side by side bar chart to show the count of vehicles with low, medium, and high fuel economies. (Calculated field and parameter).



6.

City Fuel



```
IF [City Fuel Economy] > 28 THEN "High Economy"
ELSEIF [City Fuel Economy] > 25 THEN "Medium Economy"
ELSEIF [City Fuel Economy] > 20 THEN "Low Economy"
END
```

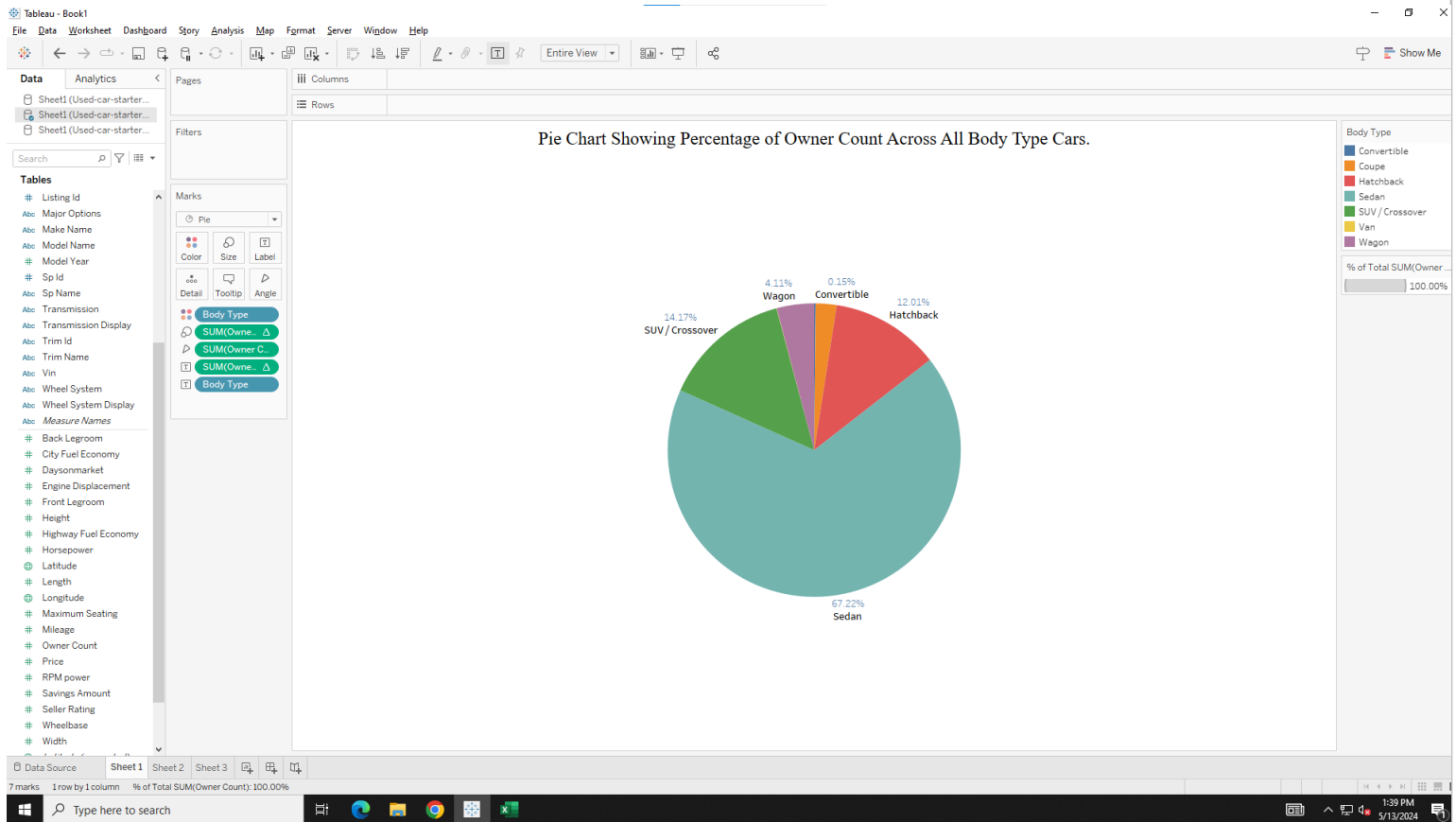
The calculation is valid.

1 Dependency ▾

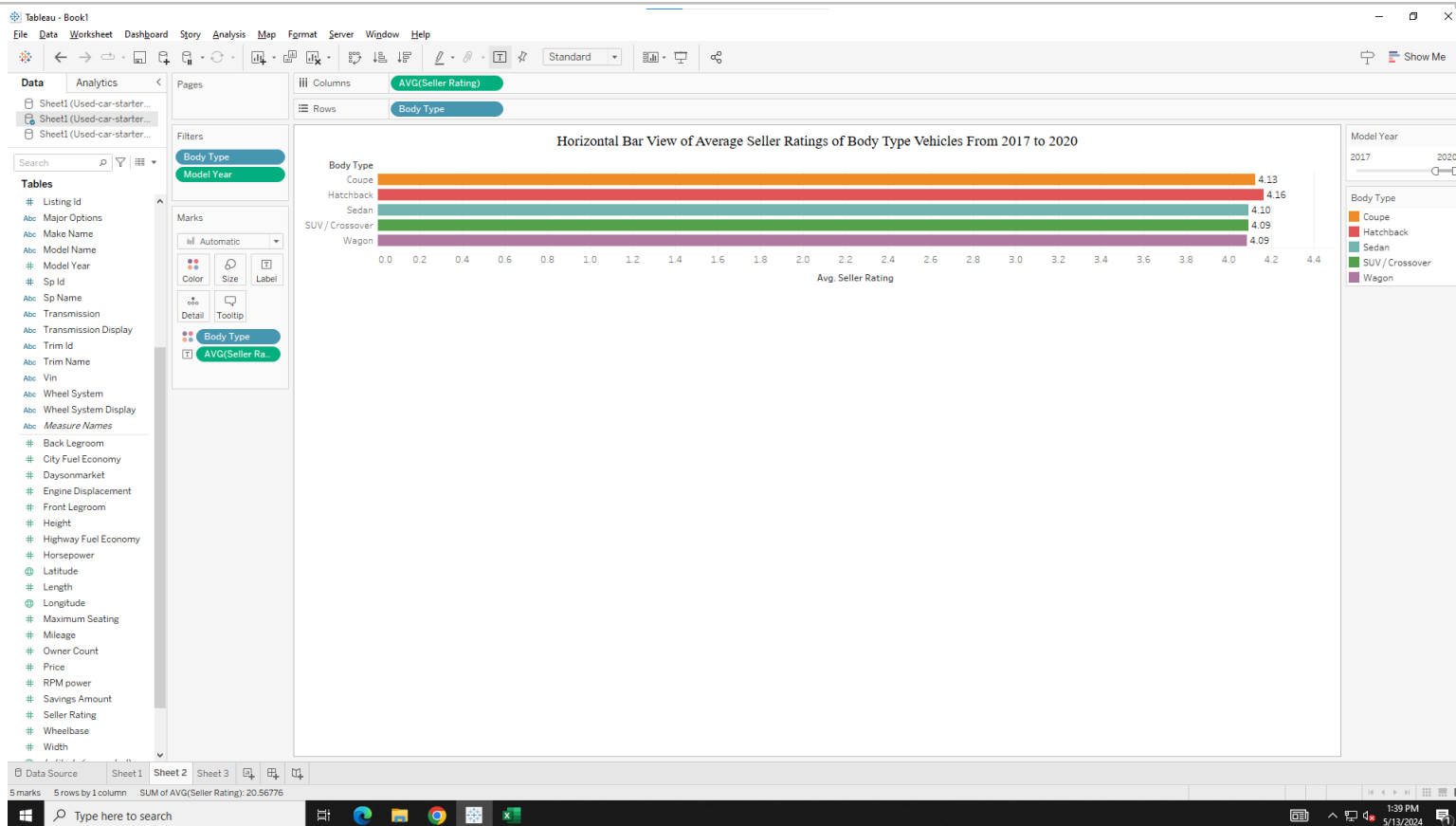
Apply

OK

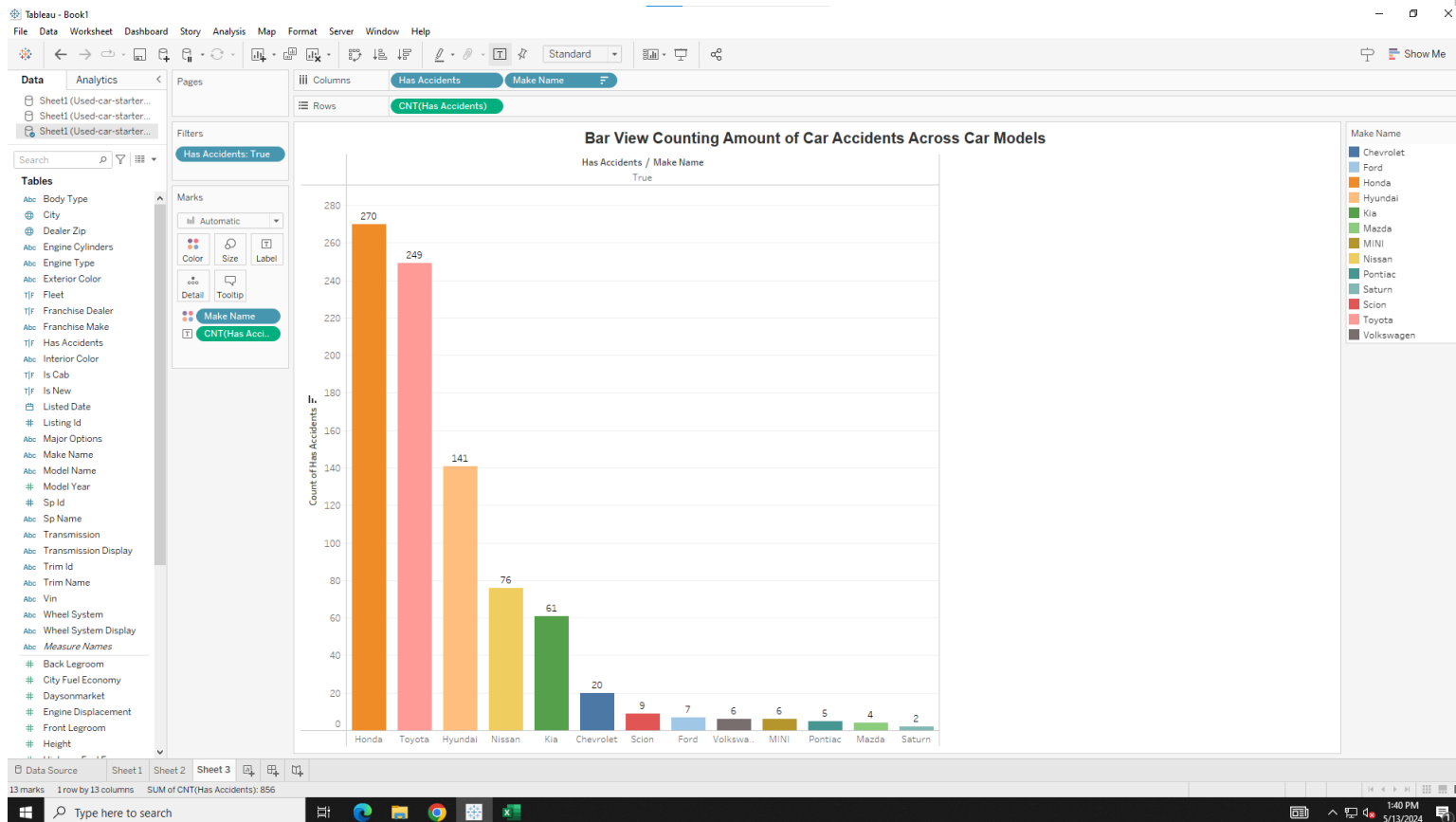
## 6 Pie chart showing percentage of owner count across all body type cars.



## 7. Horizontal bar view of average seller ratings of body type vehicles from 2017 to 2020



## 8. Bar view showing average accident occurrences across car models



9. Horizontal Bar View of price category cars (franchise make) thats rated 4.0 selling ratings and above showing average days on market (calculated field + filtering)



Price Category

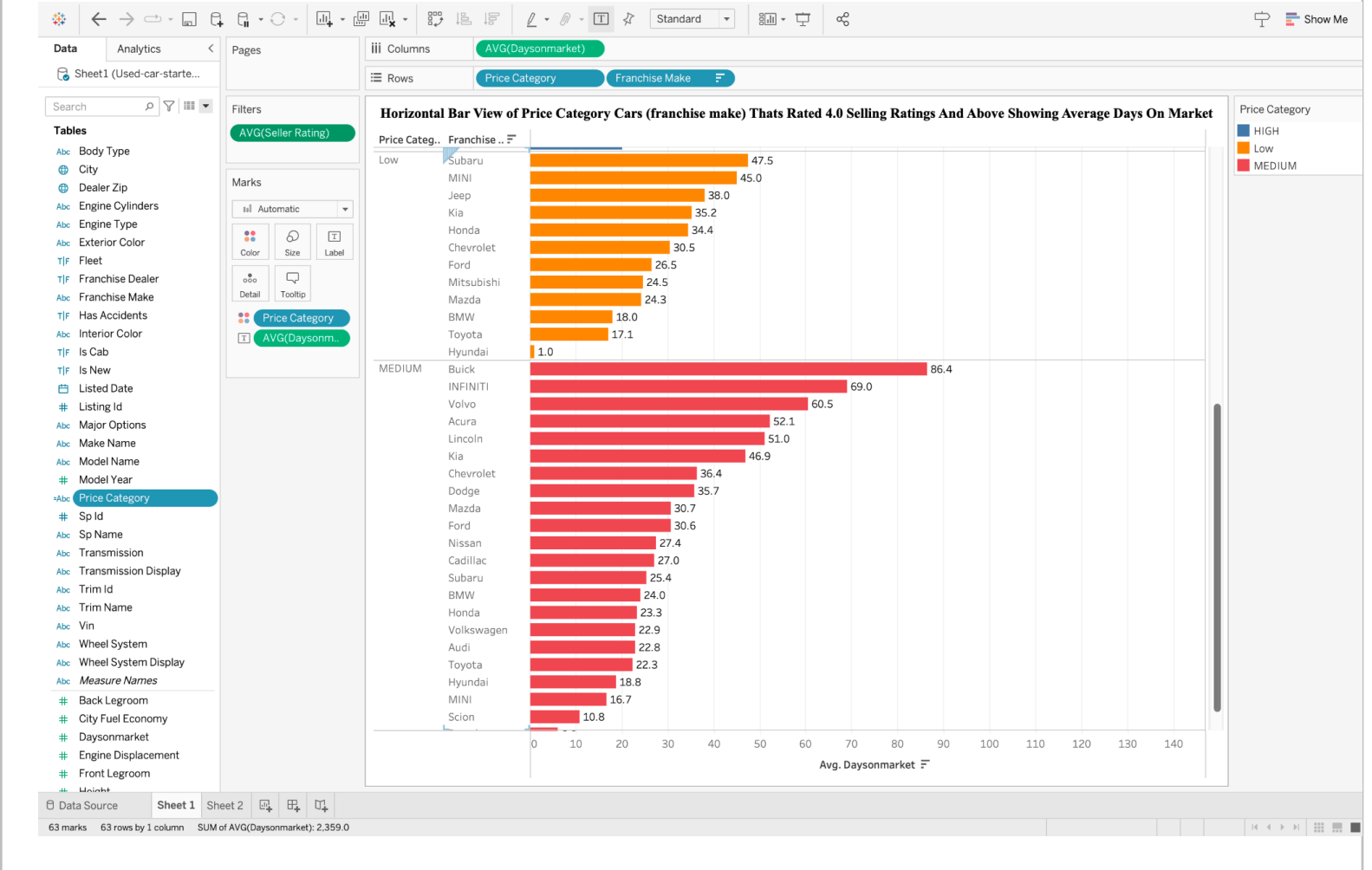
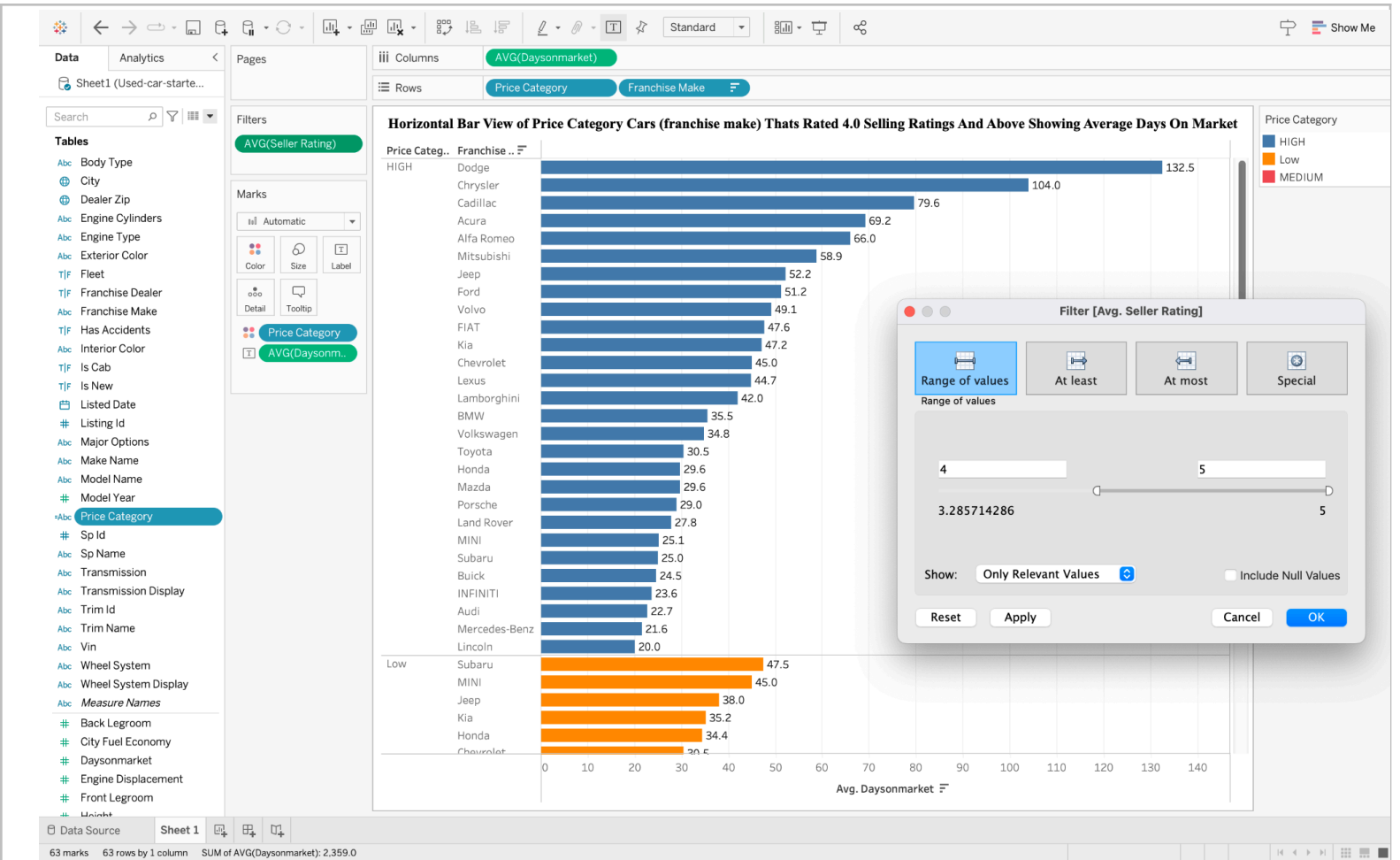
```
IF [Price] <= 5000 THEN "Low"
ELSEIF [Price] >5000 AND [Price] <=10000 THEN "MEDIUM"
ELSEIF [Price] >10000 THEN "HIGH"
END
```

The calculation is valid.

1 Dependency ▼

Apply

OK



10. Horizontal Bar View Of Average Price of Franchise Make Cars in 2015-2017

