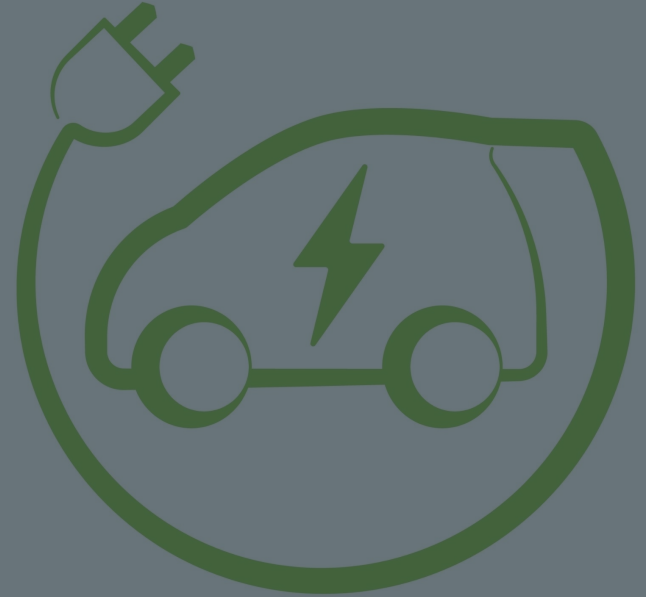


Electric Vehicles

Washington State Analysis

Project Scope

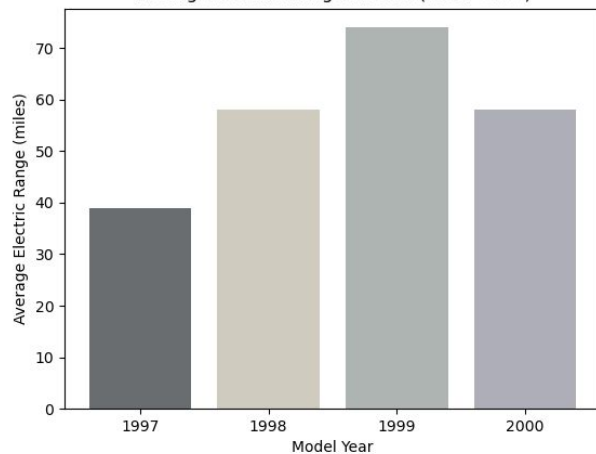
For this project we are looking at data from Washington State and the US Census API (2010-2020) to examine the relationships and correlations between those who have chosen to purchase this newer technology.



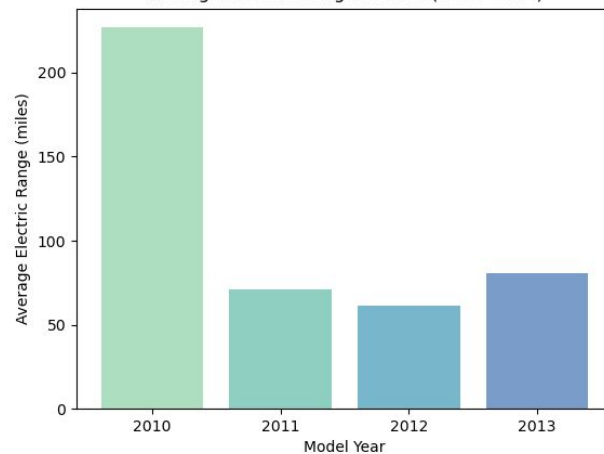
**Hypothesis : Newer vehicles will have larger range
(miles per charge).**



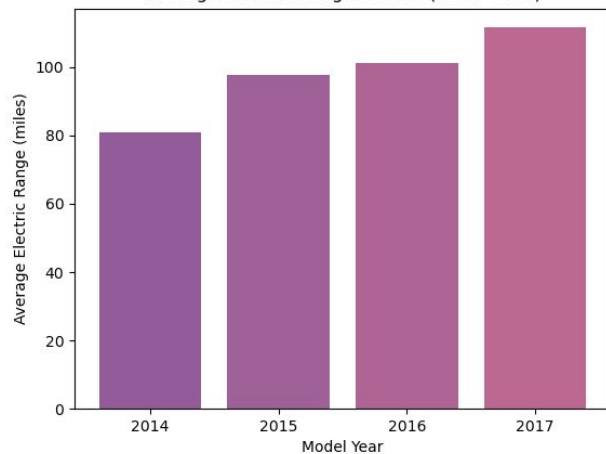
Average Electric Range Models (1997-2000)



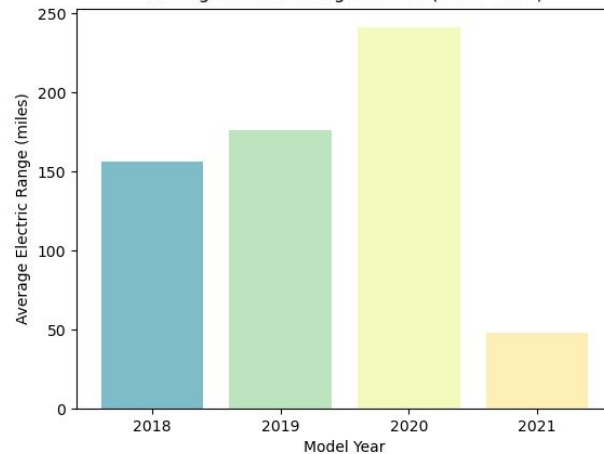
Average Electric Range Models (2010-2013)



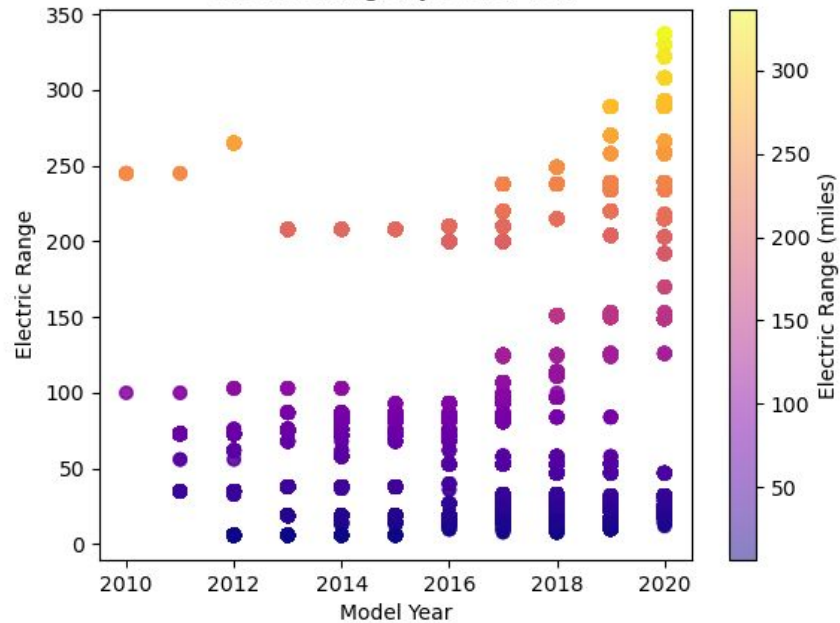
Average Electric Range Models (2014-2017)



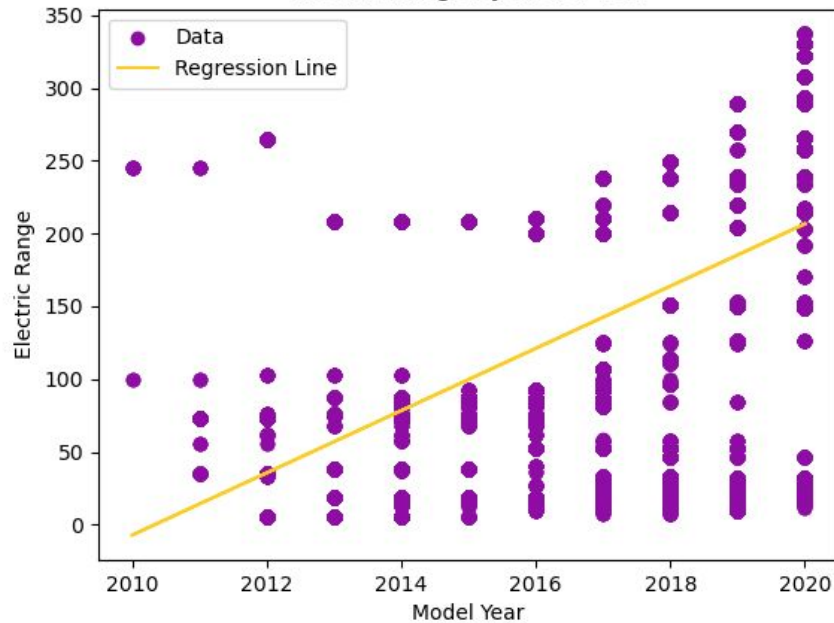
Average Electric Range Models (2018-2021)



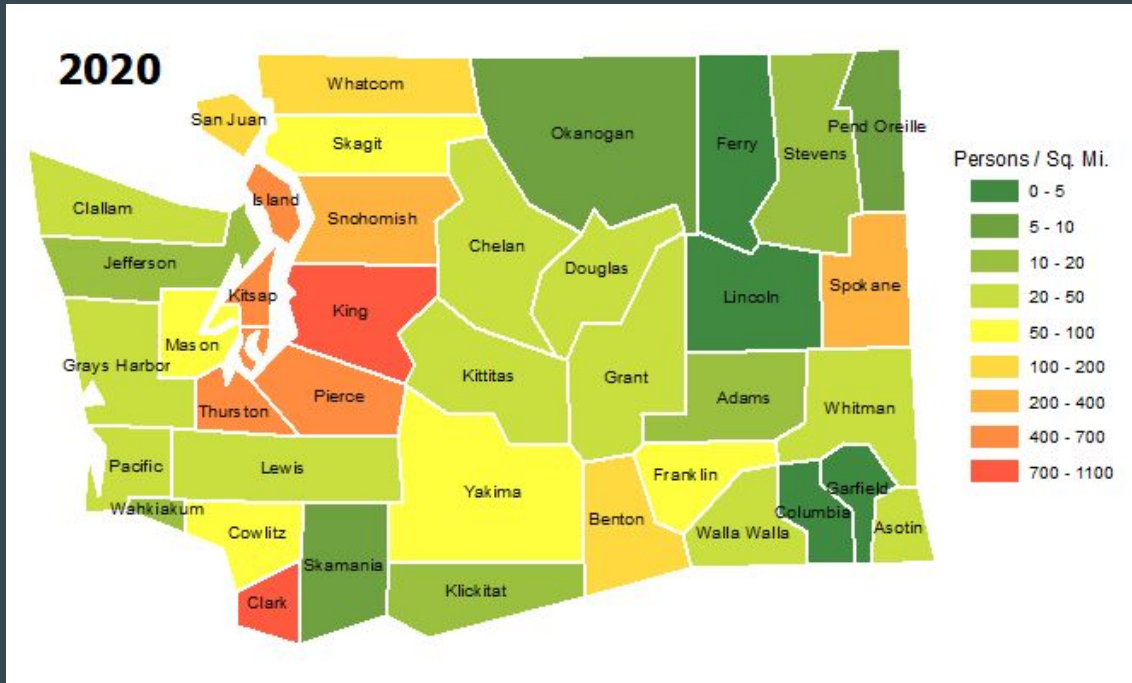
Electric Range by Model Year



Electric Range by Model Year



Hypothesis: Are battery powered vehicles more popular in urban areas?

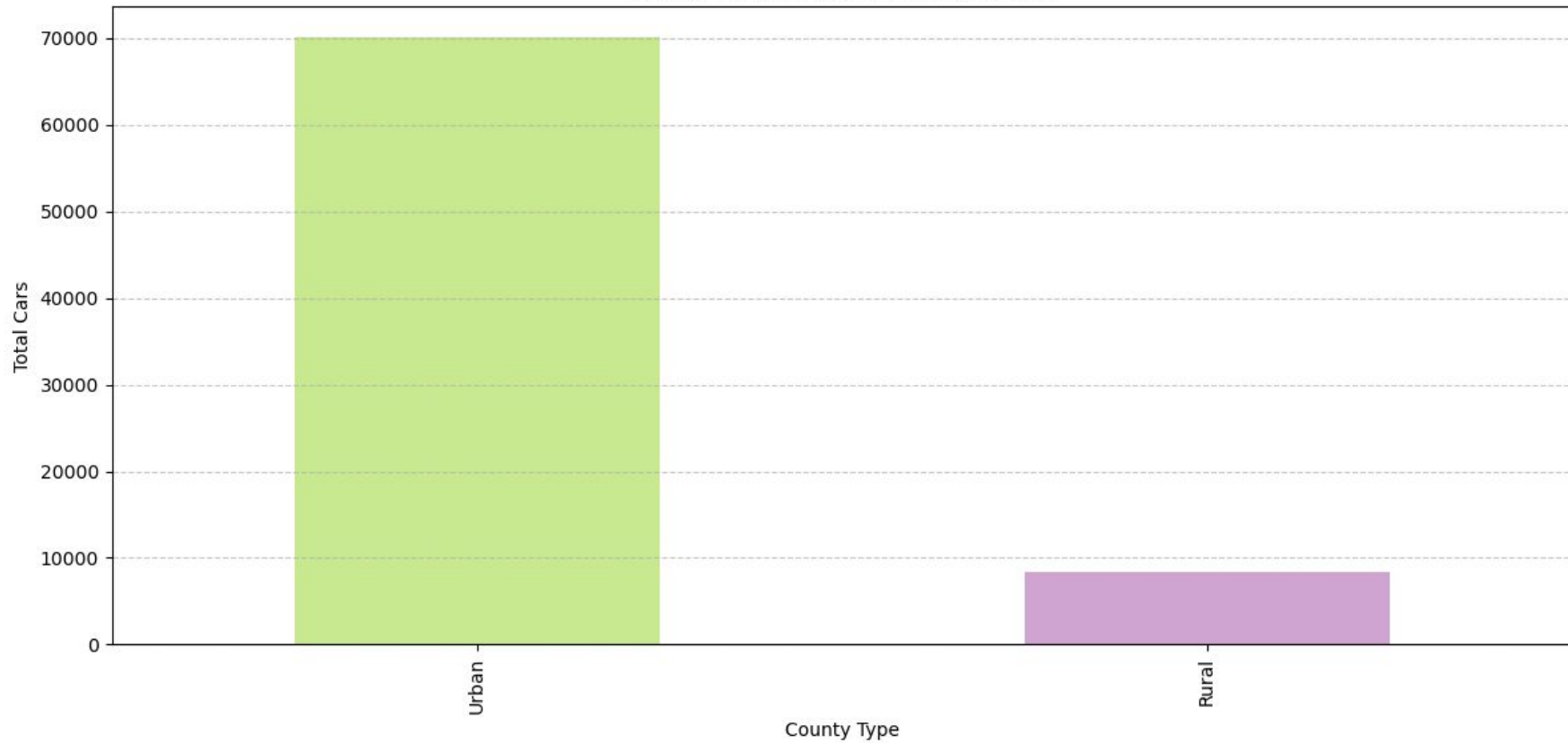


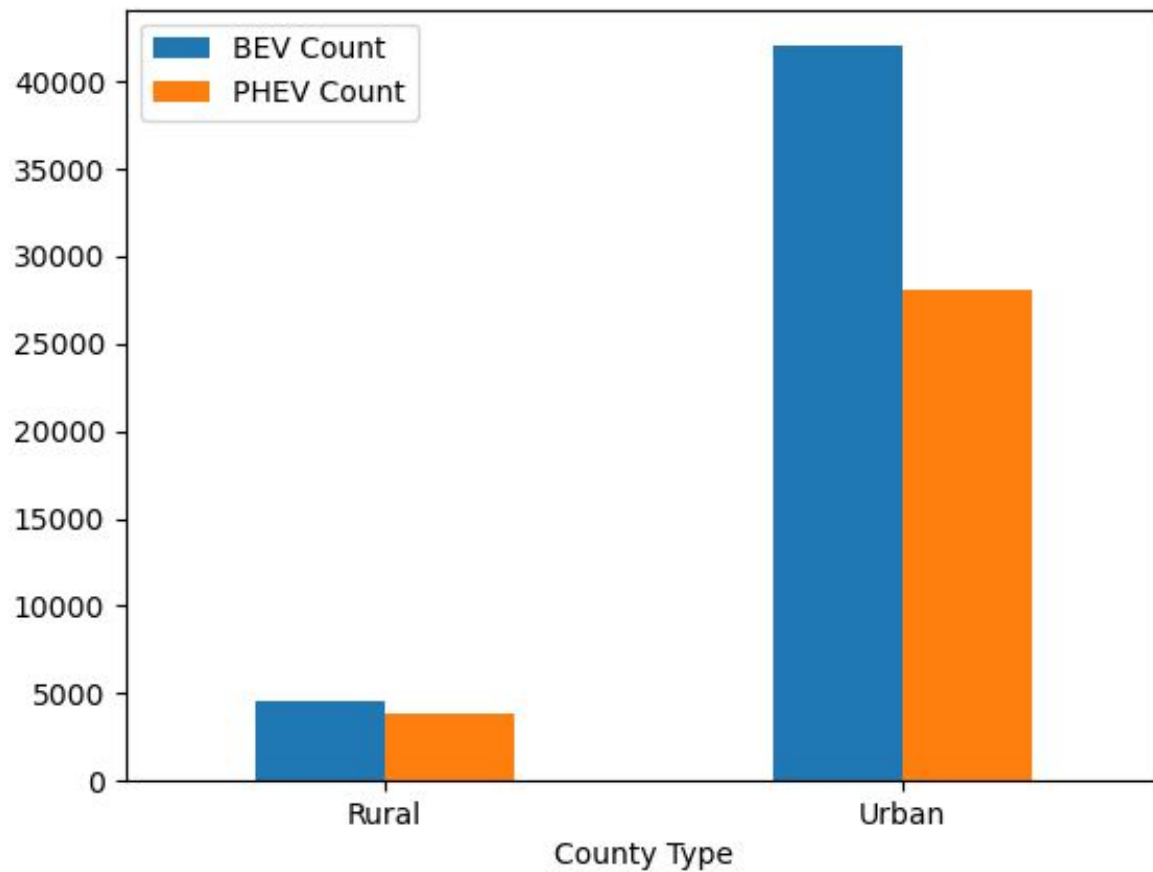
Population density by county 2020

Source:

<https://ofm.wa.gov/washington-data-research/population-demographics/population-estimates/population-density/population-density-county>

Electric Vehicles Based on County Type



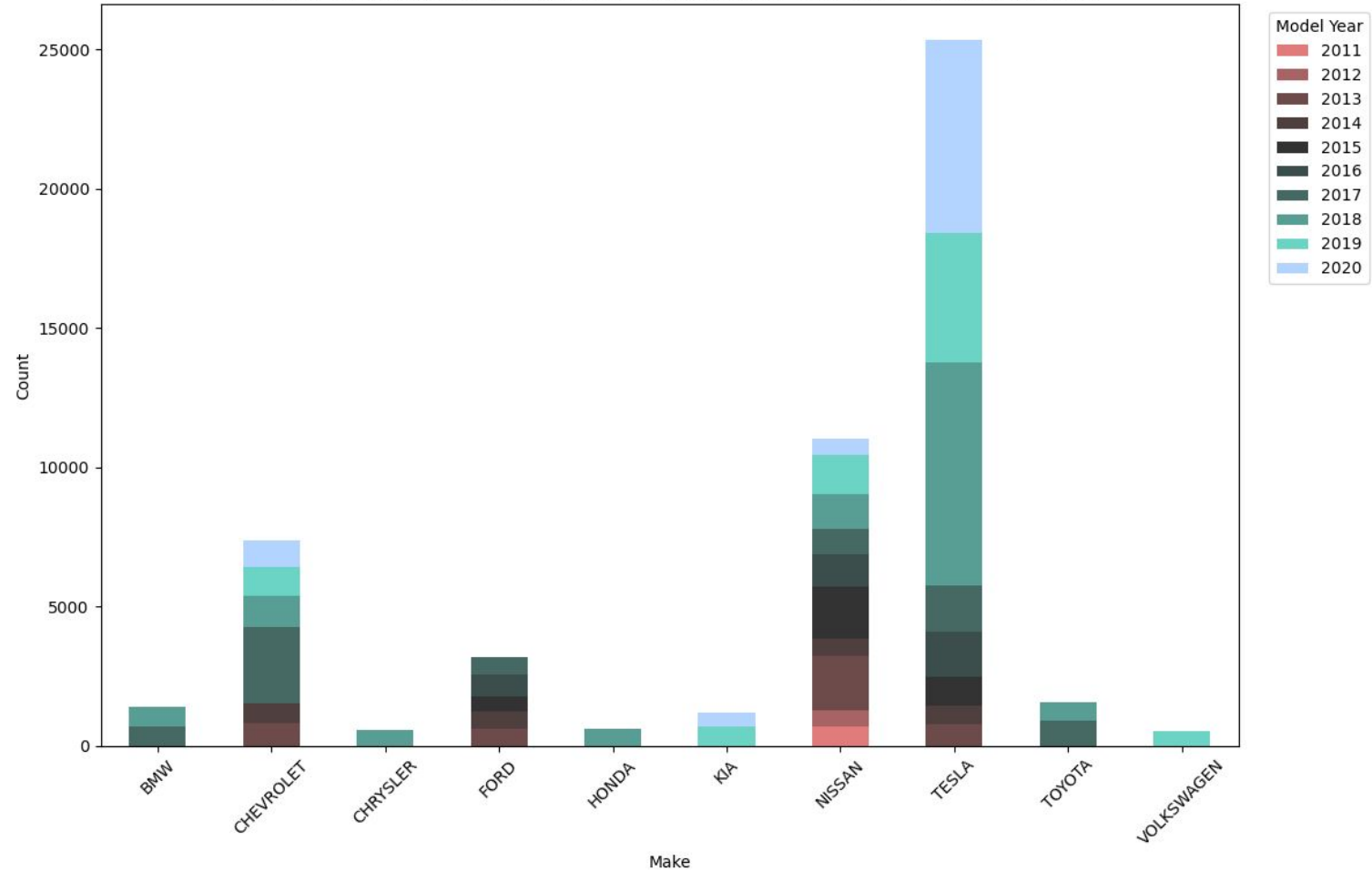


Analysis of Trends

What is the most popular make and model?

Does this remain consistent over time or has it changed?

Types of Vehicles that were Purchased in Washington for Each Year >= 500 (2010-2020)



Top 3 Most Popular Models Purchased in Washington (2010-2020)

