

Electric Vehicles in Washington



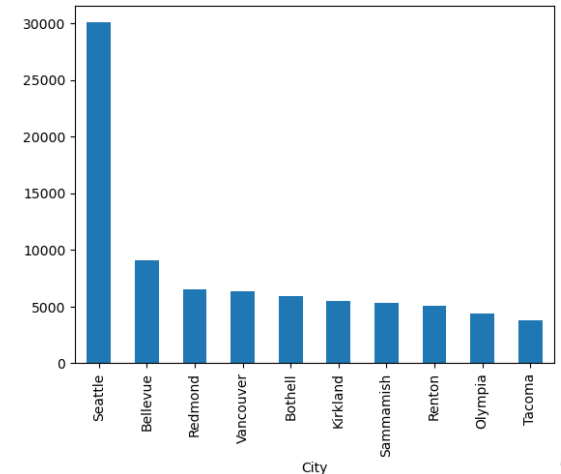
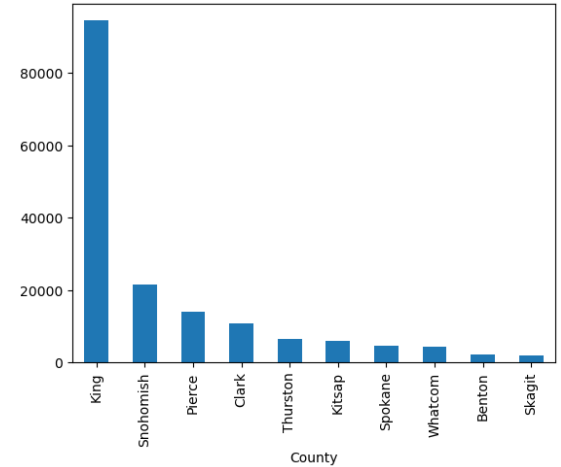
Topics of Analysis:

- How is the distribution of electric vehicles (EVs) across different counties and cities?
- Which electric vehicle types (BEV or PHEV) are most popular?
- What are the most popular makes and models of EVs?
- What is the distribution of EVs through the years?
- What is the distribution of electric range of vehicles preferred?
- What is the market share between EV models?

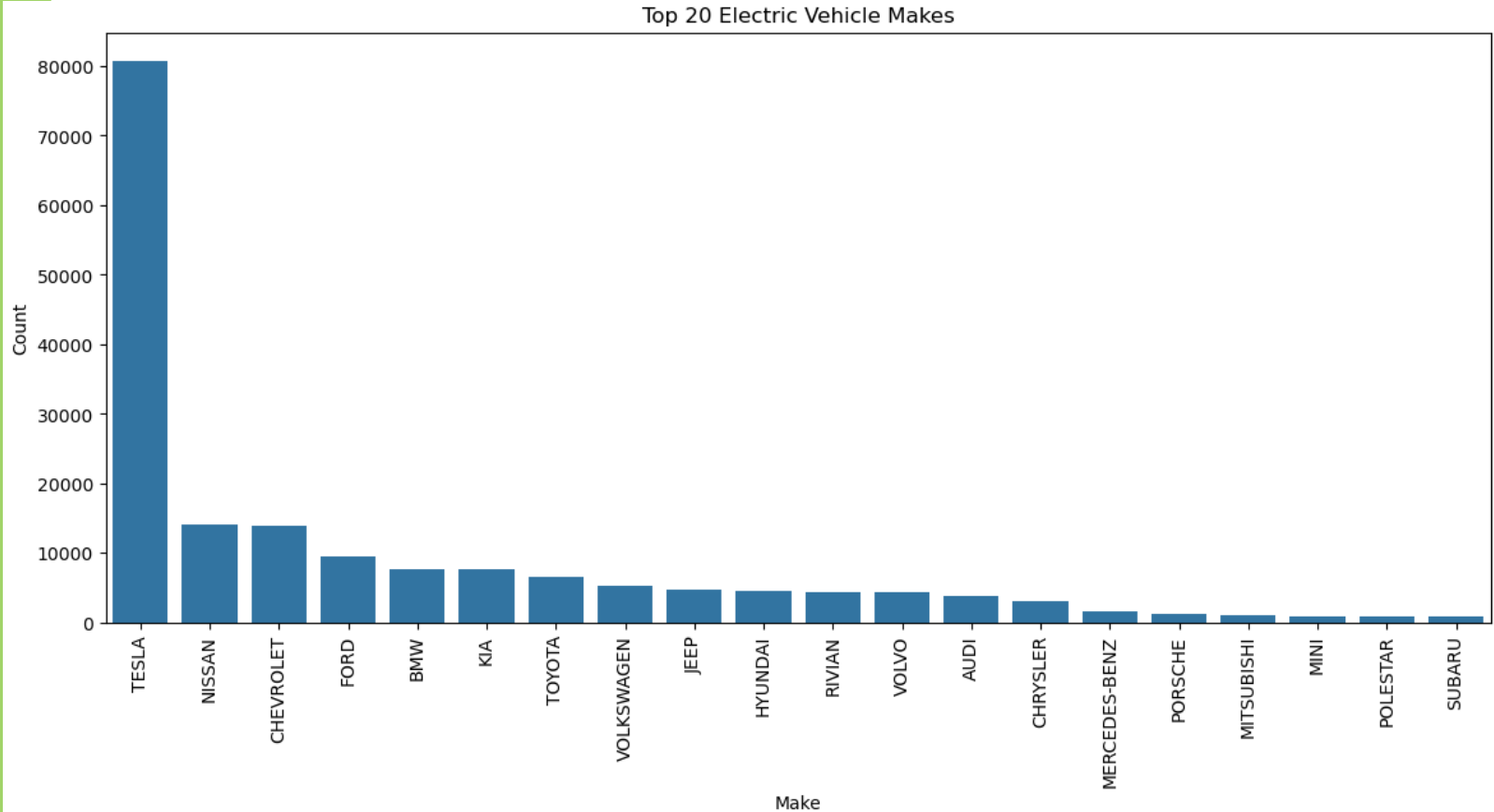
How is the distribution of electric vehicles (EVs) across different counties and cities?

As you can see in the graphs, there is a clear trend in the distribution of electric vehicles (EVs) across Washington State, with a notable concentration in larger cities and urban centers.

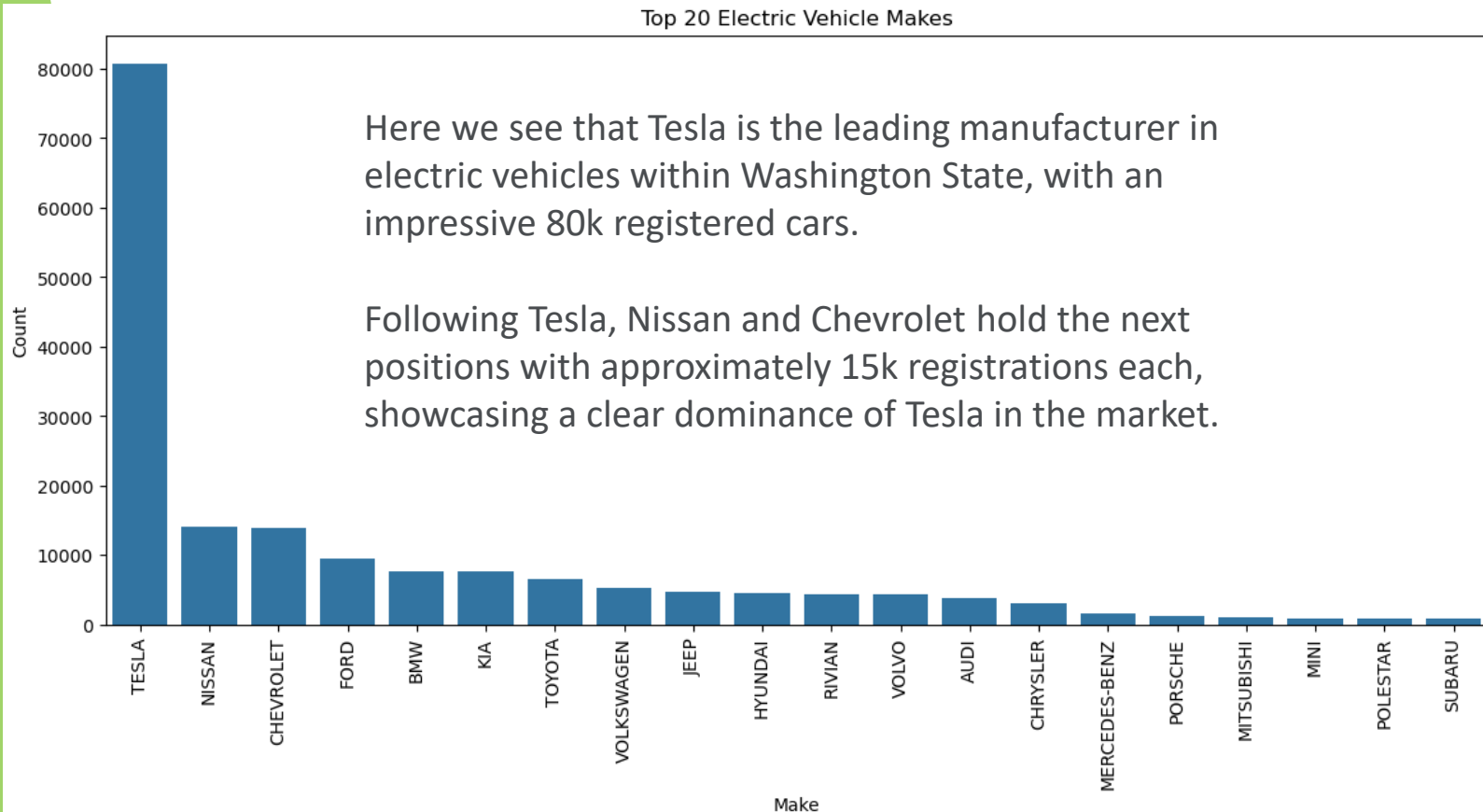
This insight underscores the importance of targeted infrastructure development and awareness campaigns to further promote EV adoption in diverse geographic areas.



What are the most popular makes and models of EVs?

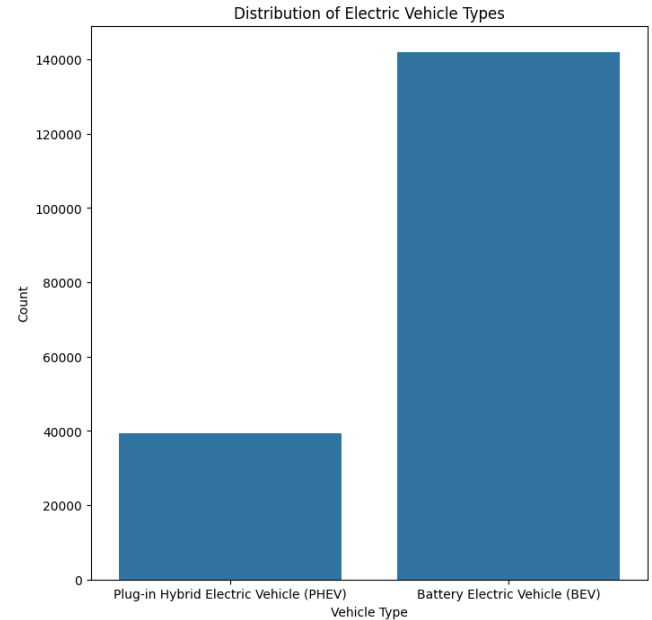


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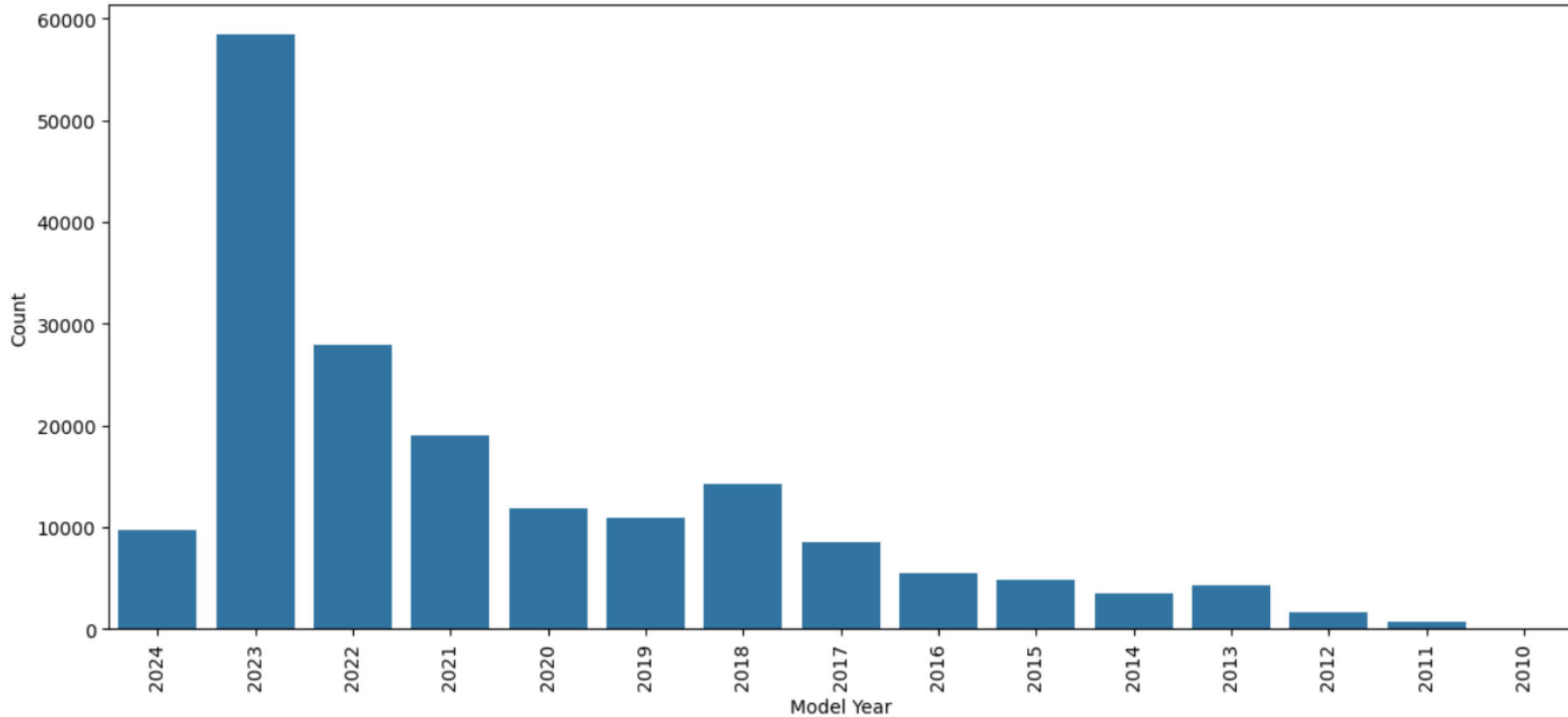
Which electric vehicle types (BEV or PHEV) are most popular?

Among electric vehicle types, Battery Electric Vehicles (BEVs) significantly outpace Plug-in Hybrid Electric Vehicles (PHEVs) in popularity, with approximately 140,000 registrations in Washington State compared to nearly 40,000 PHEVs. This data reflects a clear preference for BEVs over PHEVs in the region.



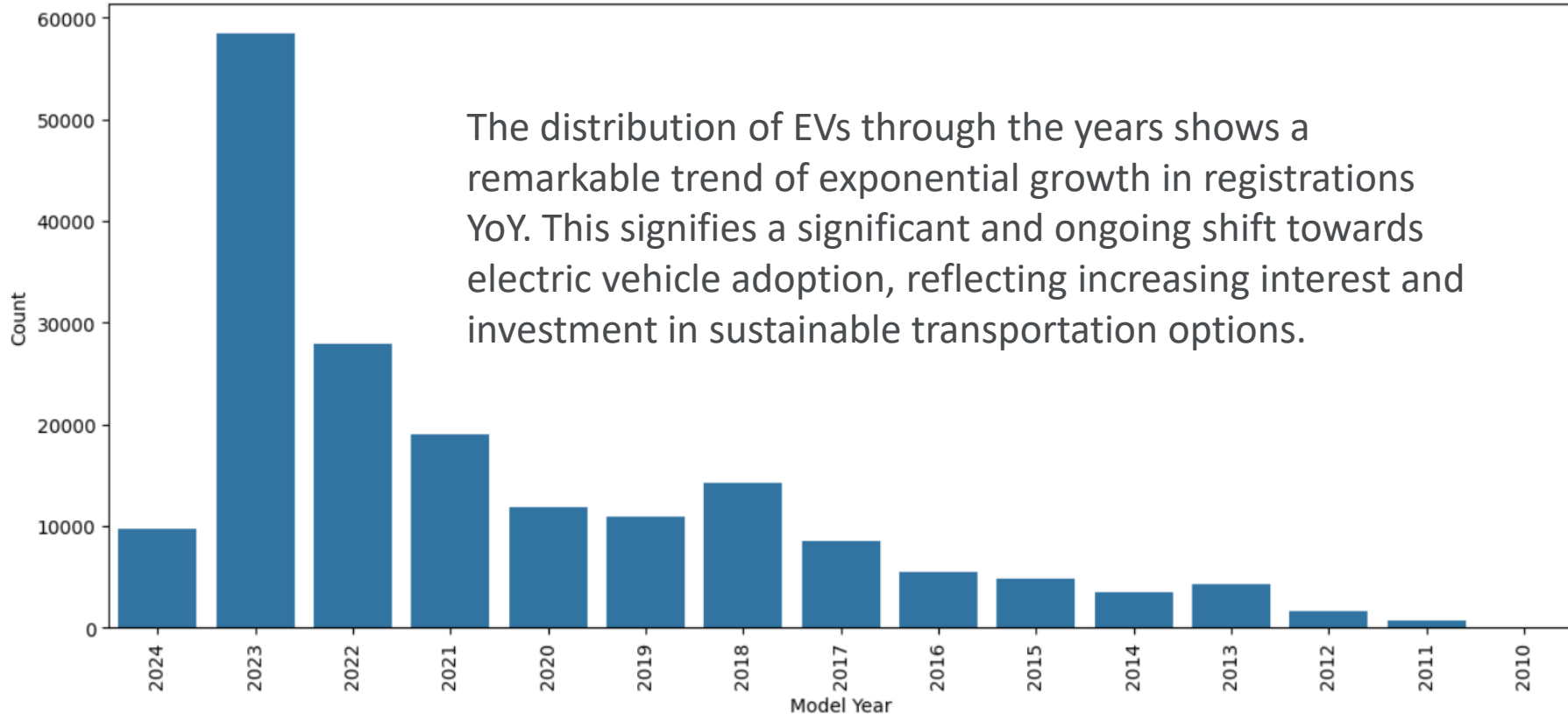
What is the distribution of EVs through the years?

Distribution of Model Years

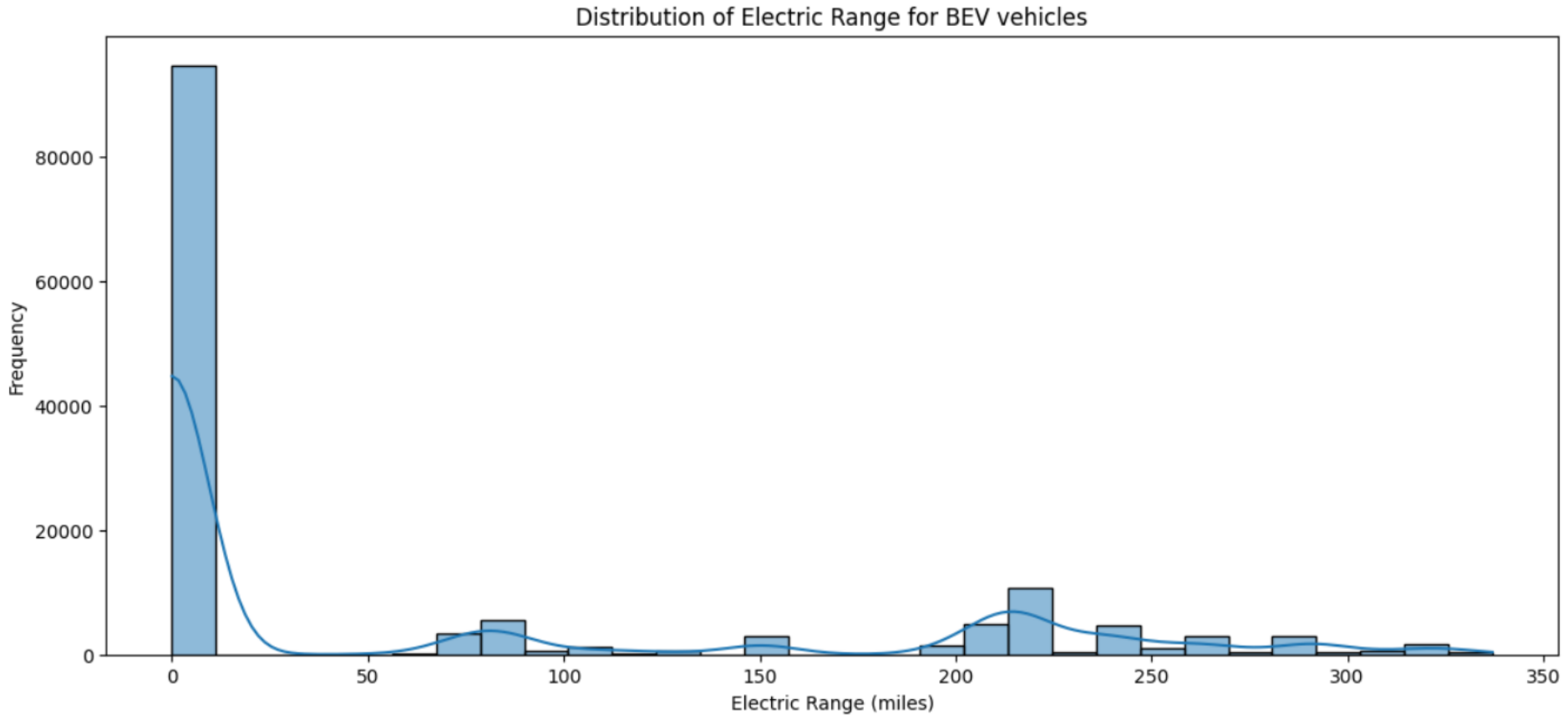


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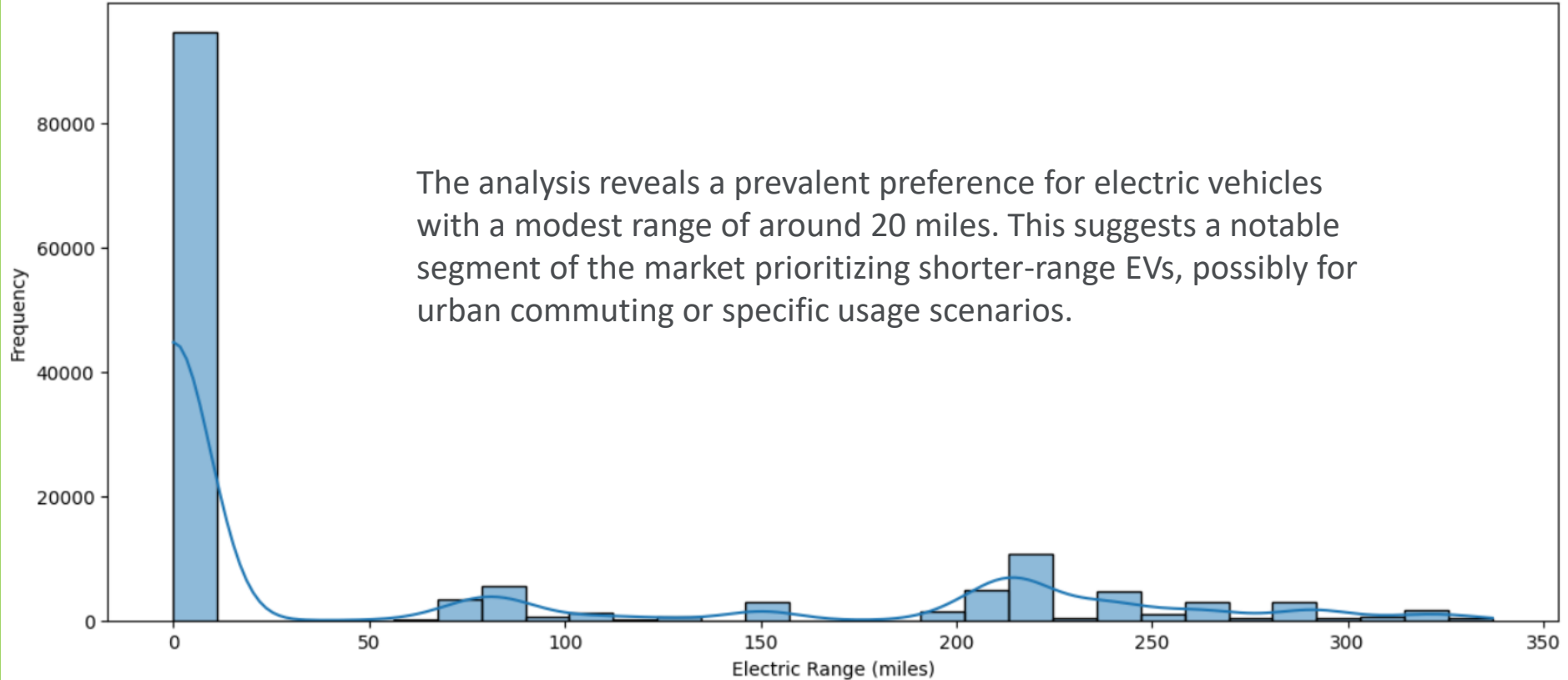


What is the distribution of electric range of vehicles preferred?

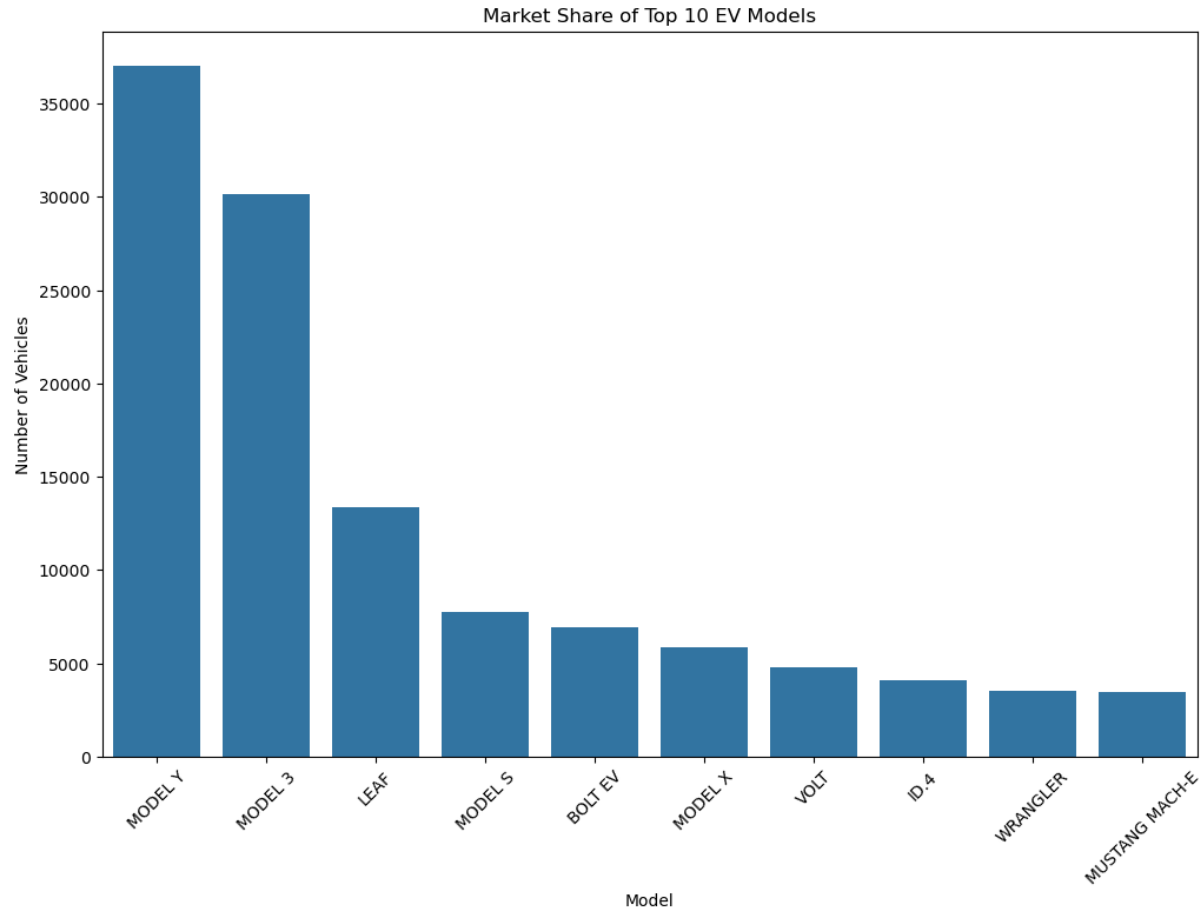


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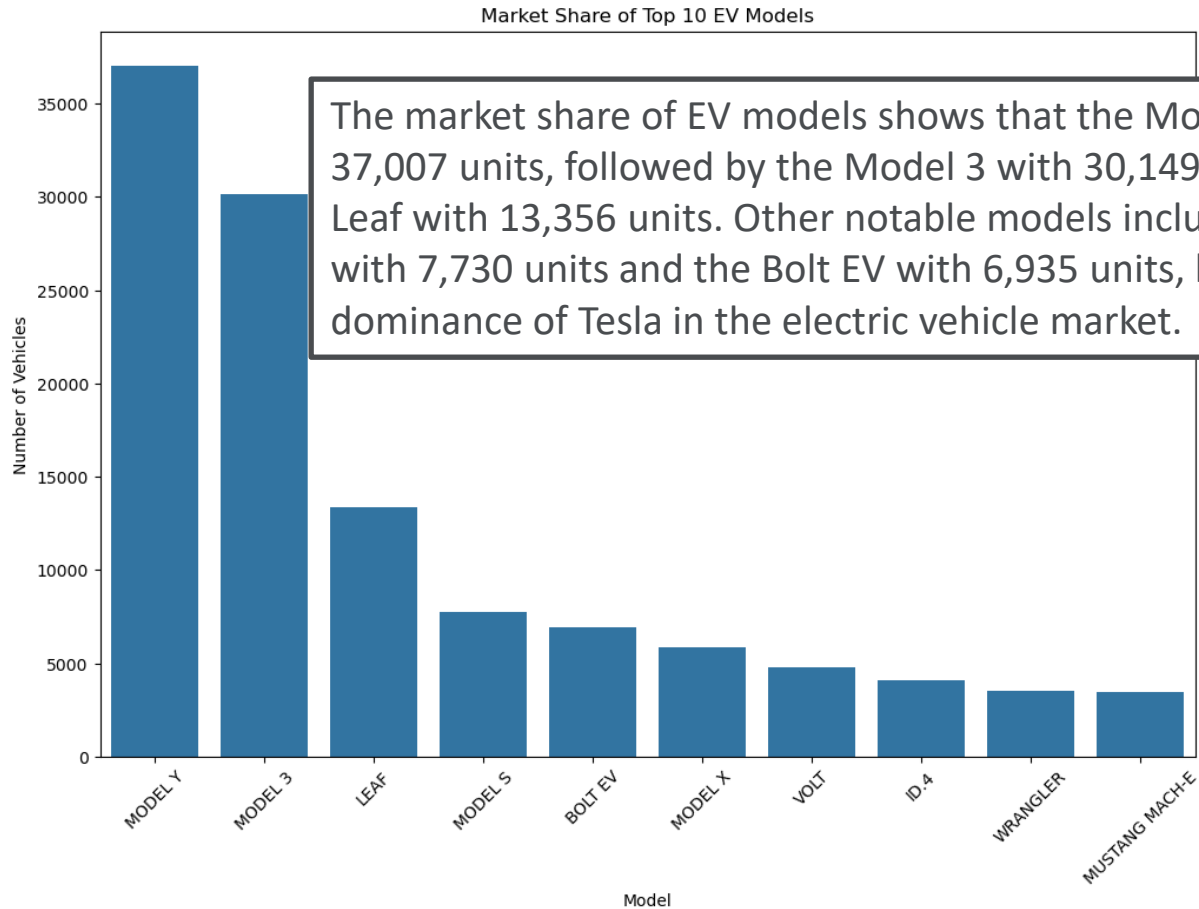
Distribution of Electric Range for BEV vehicles



What is the market share between EV models?



What is the market share between EV models?



The market share of EV models shows that the Model Y leads with 37,007 units, followed by the Model 3 with 30,149 units, and the Leaf with 13,356 units. Other notable models include the Model S with 7,730 units and the Bolt EV with 6,935 units, highlighting the dominance of Tesla in the electric vehicle market.

Thank You !

