

The Fourteen Selected Cars

https://public.tableau.com/app/profile/mike.silva4349/viz/Libro_1_17281709570360/Dashboard1?publish=yes

Mike Silva

Correlation One

INTRO

There's a car Dealership Name Mike's Cars and it needs a total of fourteen cars, and the owner of the place have given a excel file with more than 19,000 cars and I must filter and find the specific cars

Objectives

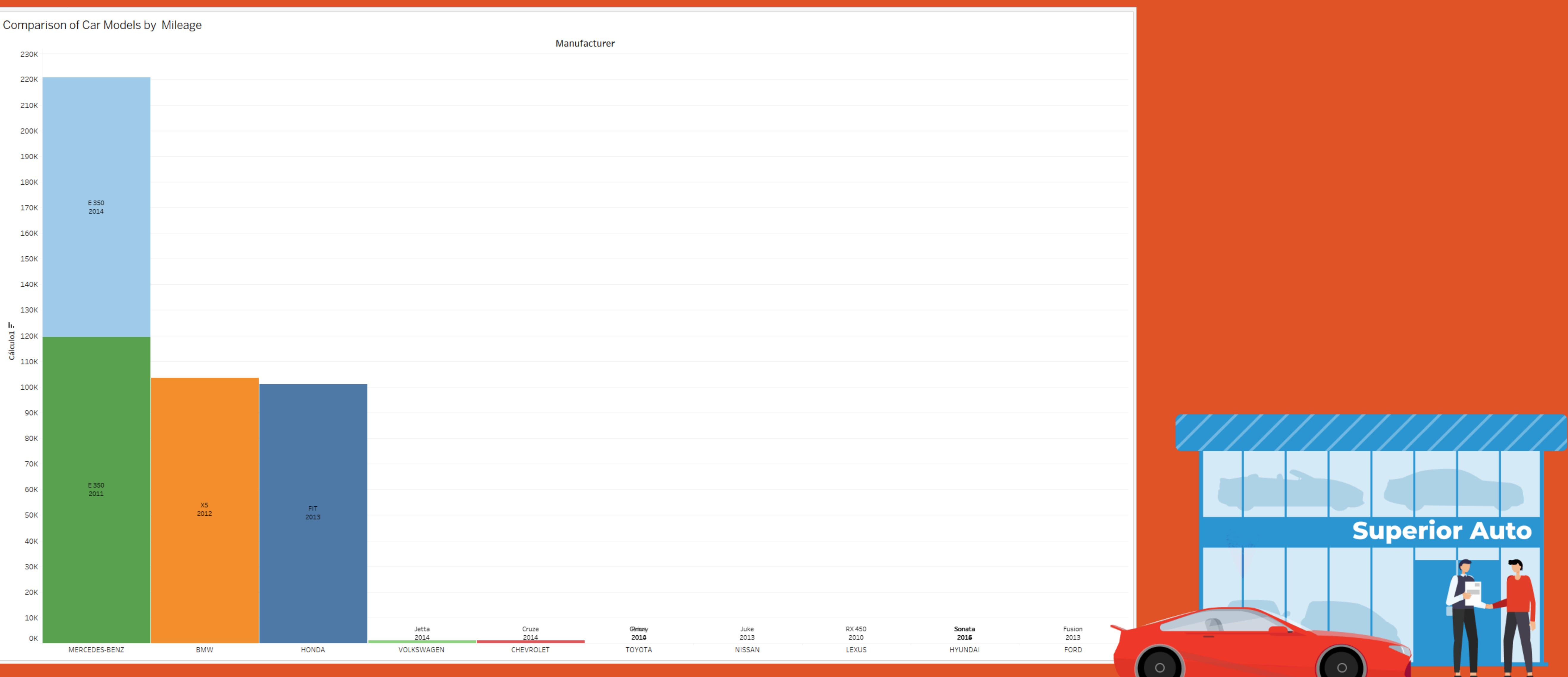
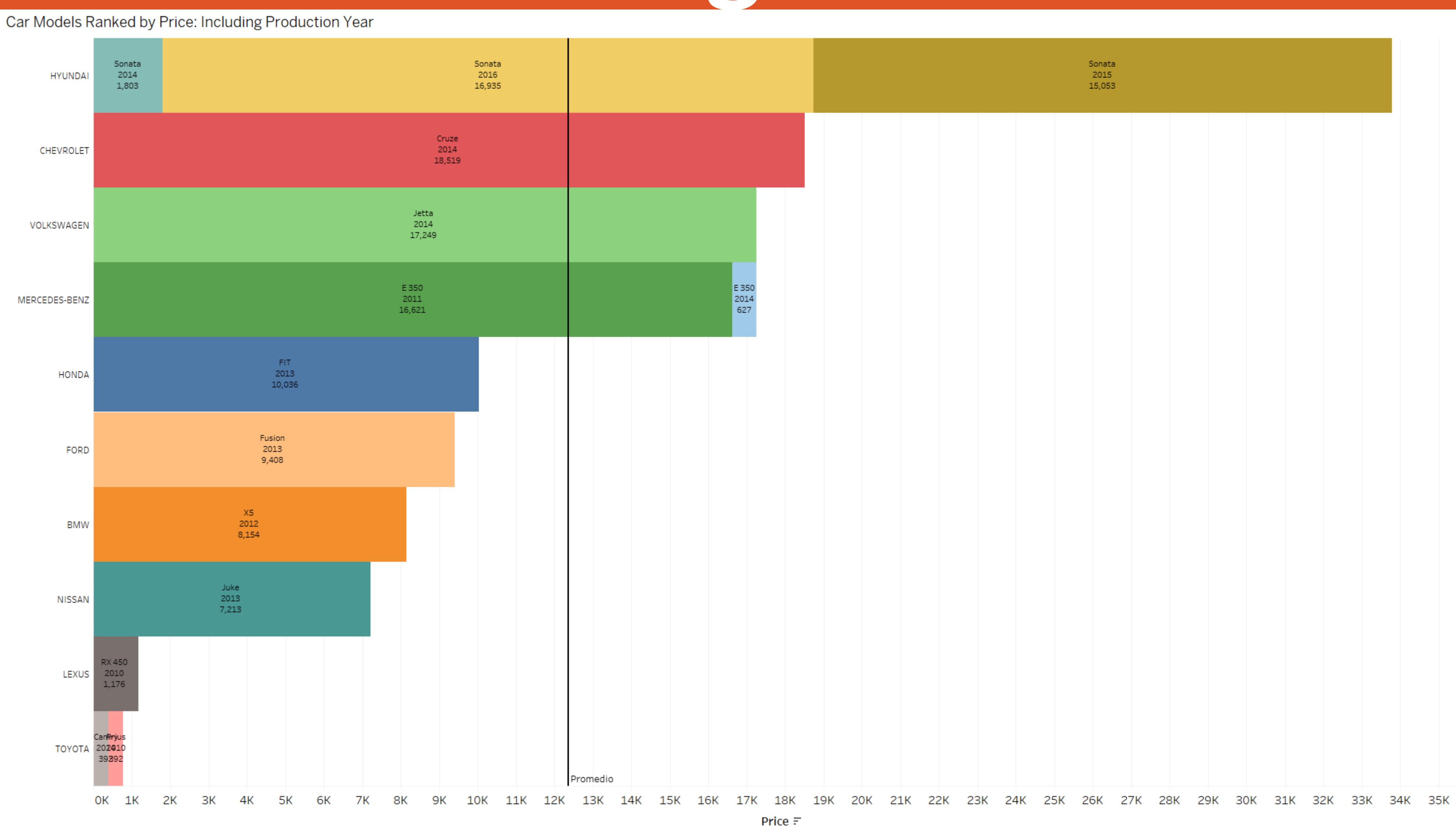
- Find 14 Cars
- Being Affordable less tan 20,000 USD
- Different Models and Years
- Checking the car mileage
- Checking the car air bags

Methods

This dashboard's goal is to present the selection of 14 cars specifically chosen for the average citizen, ideal for a small car dealership. The process began with data curation using SQL to identify key manufacturers and models from a larger dataset. By narrowing down the list based on production years and manufacturer popularity, we reduced the dataset to a manageable scope. The real decision-making, however, took place in Python, where further criteria such as mileage, safety features (airbags), and price were applied to ensure that only the most suitable cars were selected.



The Selected Cars, Price and Mileage



Results

The final list of 14 cars represents a careful balance of affordability, condition, and safety. The selection criteria focused on cars with a price cap of \$20,000, aiming to provide options that are accessible to the middle-class buyer. Mileage was another key factor, prioritizing vehicles with lower mileage to indicate less wear and a potentially longer life span. Additionally, safety was emphasized by considering cars with a higher number of airbags. By setting these parameters, we ensured the selection aligns with the needs and purchasing power of an economically conscious demographic. The decision to limit the selection to 14 cars was deliberate, reflecting the project's scope of finding a compact yet high-quality inventory suitable for a small dealership.



Summary

In summary, the dashboard aims to visualize the selection process efficiently, showing why these 14 cars were chosen as the best fits for a small dealership. It will serve as a focused tool that allows the viewer to explore and understand the trends and features that informed each

selection, reinforcing the project's objective of finding optimal vehicles for middle-class buyers.

