

Used Car Sales Dashboard - Project Summary

Overview:

This project analyzes over 550,000 used car sales records from the US market. The dashboard enables interactive exploration of key metrics such as average selling price, sales trends over time, and price comparisons across car models and states.

Technologies Used:

- Python (Pandas, NumPy)
- Streamlit (for interactive dashboard)
- Plotly Express (for dynamic visualizations)

Data:

- 558,743 entries covering years 1982–2015
- Features include: year, make_model, odometer, state, selling price, and sale date

Key Features:

- Dynamic filters: period, make_model, year, odometer range
- USA map visualization of average selling prices by state
- Scatter plot comparing market value (MMR) vs. selling price
- Key Performance Indicators (KPIs) summarizing sales and price metrics
- Sales trends line chart over monthly periods
- Filtered raw data table view

Some snapshots of the dashboard are in the next page.

