**Final Project Proposal: Analysis of USA Mercedes-Benz Car Listings Dataset**

For my final project, I will analyze the USA Mercedes-Benz Prices Dataset from Kaggle. This dataset includes information on various Mercedes-Benz car listings in the United States, including fields such as the name/model of the car, mileage, dealer rating, review count, and price. It covers different models across multiple years and provides a good foundation for both exploratory and predictive analysis.

Data: [USA Mercedes-Benz Prices Dataset](https://www.kaggle.com/datasets/danishammar/usa-mercedes-benz-prices-dataset)

I chose this dataset because it allows me to meet the key requirements outlined in the project rubric. Specifically, it provides opportunities for:

* **Data cleaning and transformation** – e.g., removing special characters from the Price and Mileage columns
* **Data extraction** – such as isolating the car’s model or manufacturing year from the Name column
* **Data aggregation** – like computing average ratings or prices grouped by model
* **Exploratory data analysis** – for example, examining how mileage, reviews, or ratings impact price
* **Predictive modeling** – applying a linear regression model to predict car prices based on selected features

I will be working on this project individually.