

Capstone Project 1 Ideas

1. It would be great to provide guidance for buying a car by predicting a car's price based on its specs and comparing it with market price. Which brand provides the best performance/price average over the years. Find dominant factors influencing the price. Just to name a few: Gas Mileage, Horsepower, Displacement, Weight, Size, Brand, etc.

Dataset Source:

https://www.reddit.com/r/datasets/comments/b6rcwv/i_scraped_32000_cars_including_the_price_and_115/

2. Among millions of music, how can one find the great music to enjoy instead to miss out? Is it possible to use the acoustic feature of music to help recommend music?

Spotify and Billboard 200 data Dataset Source:

https://www.reddit.com/r/datasets/comments/bb0zbp/spotify_acoustic_data_for_340000_songs_from/

3. Using London traffic dataset to find an answer to a question, "Is traffic accident more likely to happen on certain days or certain time?"

The data is from Kaggle. The UK government recorded over 1.6 million accidents from 2000 and 2016, making one of the most comprehensive traffic data sets out there. All the contained accident data comes from police reports, not including minor accidents.