**Research question, data source, and research plan for Final Project**

**Data** for this analysis is collected from the U.S. Environmental Protection Agency(EPA), Green Vehicle guide.

Data-link: <http://www.fueleconomy.gov/feg/EPAGreenGuide/pdf/all_alpha_18.pdf>

**Target Audience**: Car buyers

**Research Question**:

Which motor vehicle is most fuel efficient and have least negative impact on environment within each vehicle class (such as: station wagon, minivan, small car etc.)?

**Research Plan**:

As per consumer expenditure survey, on average household in united states spends 1/5th of total expenditure on transportation, making it the second largest expenditure category after housing. So, by choosing most fuel-efficient vehicle one could save a lot in fuel cost each year. This research analyses the motor vehicles data to determine what are the various factors such as Displacement, Number of Engine Cylinders, that improves car’s fuel economy. Further to decide which motor vehicle has the least negative impact on the environment, looked for the various scores provided by EPA such as SmartWay mark, Greenhouse Gas Score, Air Pollution Score and CO2 emission from the vehicle’s tailpipe.

This research analysis will be helpful to purchase the most environmentally friendly vehicle to save fuel, money and environment.

<https://answers.yahoo.com/question/index?qid=20110403041459AARo0Xz>