Project Title: Group 6 / Project 1

A Case for EV’s in 2023

Team Members:

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Project Description/Outline:

Cost benefit analysis between EV and ICE vehicles.

Research Questions to Answer:

1. Would an EV be worth it if a person is on a budget $46,000 (cost of E85 and cost of KwH based on 2022 average cost) (assume 10k,20k,30k,40k mileage per year) (assume no home charging)

2. Would an EV be worth using for a Cross Country Driving Occupation Job? (look at charging station density vs e85 stations)

3. What is the long-term affordability between the Tesla Model 3 and the Toyota Camry?

Datasets Used: <https://catalog.data.gov/dataset/alternative-fueling-station-locations-422f2/resource/341957d8-daf6-4a38-ab1d-8ec1bc21cfb9>

SEC Tesla Financials

https://www.sec.gov/Archives/edgar/data/1318605/000095017022000796/tsla-20211231.htm

Toyota Financials

https://www.sec.gov/Archives/edgar/data/1094517/000119312521197902/d12243d20f.htm

Tesla Api

https://www.teslaapi.io/

Rough breakdown of tasks

Jeremy introduction and Financial topics and Question 2

Joshna Pre  
Julian Dialogue and Question 1?

Elijah Question 3