**Team 2 – TTH**

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**Project 1 Proposal - Various Effects of the Government Shutdown**

Introduction:

The government shutdown is something that we are currently living in, and something that we believe has various effects on the United States on the whole. This project aims to look for the effects on stock prices, transportation, crime and the areas of the country affected during these times of shutdown.

Hypothesis:

Does the level of unification of the US government act as a predictor of the likelihood of a government shutdown? And is this moderated by the approval ratings of the president & congress? Unification is defined as how closely the various branches of government are aligned with the party of the current president.

Some questions we hope to answer:

1. Does government unification have an impact on the possibility of a government shutdown? Will we be able to predict if a shutdown is likely to occur?
2. What is the breaking (or break-even) point of this unification?
3. What is the impact of a shutdown on business/the economy in general (using the stock market as a proxy)?
4. Plot shutdown periods with crime, airport traffic, impact to government employment across the country in the areas of the US that are affected.

Data Sets:

Stock Prices (Yahoo Finance) – Crime Rates – Airport Traffic – areas affected by government employment – approval ratings for the President, the house & senate

We plan to pull these data sets from Kaggle, Data.gov, and the Nasdaq’s historical data

Tasks:

Gather data sets for a specific few categories (We don’t plan to do all listed, aiming for 2-3)

Clean data for ranges of specifically shutdown dates.

Analysis and Creation of visualization

Presentation work