**Team 3 Project 1 Proposal**

Project Objective:

Compare and analyze possible relationships between public education financing for K-12 public schools and overall school/district performances, enrollment rates, graduation rates, and curriculum offered.

Project Questions:

1. How does K-12 financing per state affect the overall performance of the students enrolled in the schools within the state.
2. Year by year analysis of how the states revenue affected the enrollment stats
3. Year by Year analysis State Wise of Score trends subject-wise (Mathematics, Reading) across different grades.
4. Education Revenue per capita state wise over the years.
5. Analysis of specific expenditures as related to State Wise Score trends for specific time periods. (Possible era breakdown is by President)

Hypothesis:

1. As a whole more funding from Federal, State, and Local generally transitions into higher test scores.
2. As eras change then investment trends in education will reflect the financial outlook of the state.

Data Sources:

Great Schools.org for API Source https://www.greatschools.org/api/request-api-key/

Data Set:

US Education Datasets: Unification Project <https://www.kaggle.com/noriuk/us-education-datasets-unification-project>

US Educational Finances <https://www.kaggle.com/noriuk/us-educational-finances>

Project/Role Breakdown:

Data Mining and Organizing: Everyone