

[5/13/2022]

# Executive Summary

## Elevator Pitch

We found datasets about disaster loans, the S&P500 index, and unemployment, as well as local government finances. We predict that unemployment can be predicted by a combination of disaster loan data, local government taxes/debts, and market data. With the datasets that we were able to obtain, we are planning to analyze the data points between 2008 and 2015 on a county level. We are planning to capture these relationships in an elasticnet regression model using cross validation. We will see which factors were the best predictors of unemployment by looking at coefficient weights of the finished model.

## Target Audience

Our primary target audience is our project managers.