

## Executive Summary

Our group project will compare the performance of sixteen stocks across four separate industries against the four most popular crypto currencies to determine which is a better investment. Current day stock data will be streamed in real time on a dashboard. We will explore the economic health of each of the given industries through examination of various indicators from US census data and determine if they correlate to stock performance. Historical data will be used for analyzing long-term trends for both the stocks and crypto currencies, and machine learning will use this data to predict future performance. With these findings we will examine and compare the current and potential future performance of cryptos against the selected stocks to give investment recommendations.

### Questions:

What is the economic picture for the industries in question?

Is there a correlation between US Economic Census data and stock performance?

How would the mock portfolio we create perform on the market?

Is stock or cryptocurrency data predictable with machine learning?

Which would perform better for a client's portfolio: traditional stocks or the newer cryptocurrencies?