

Boutique Hedge Fund Opportunity

Financial Technology Today

How cryptocurrency can
maximize your profits over 5
years



Opportunity

How can you maximize profits in a booming industry?



CRYPTOCURRENCY

Cryptocurrency investments has taken the finance world by storm. Are you ready to take advantage of this rare opportunity?



TRUST

We analyze historical data of the top performing cyrpto currencies while using advanced forecasting tools and live api data to predict maximum returns on investments



ANALYSIS

Our advanced analysis uses time tested financial coding analysis to predict the best digital assets and cryptocurrencies to add to our portfolio

Solutions

We want to make investing easy
for the busy investor



WHAT WE DO

Allow us to do all the heavy lifting. We do all the analysis using live api data in a rapidly changing market

PERSONAL ATTENTION AND DETAIL

We are accepting a small select group of clients. So we can focus on you.

Objective

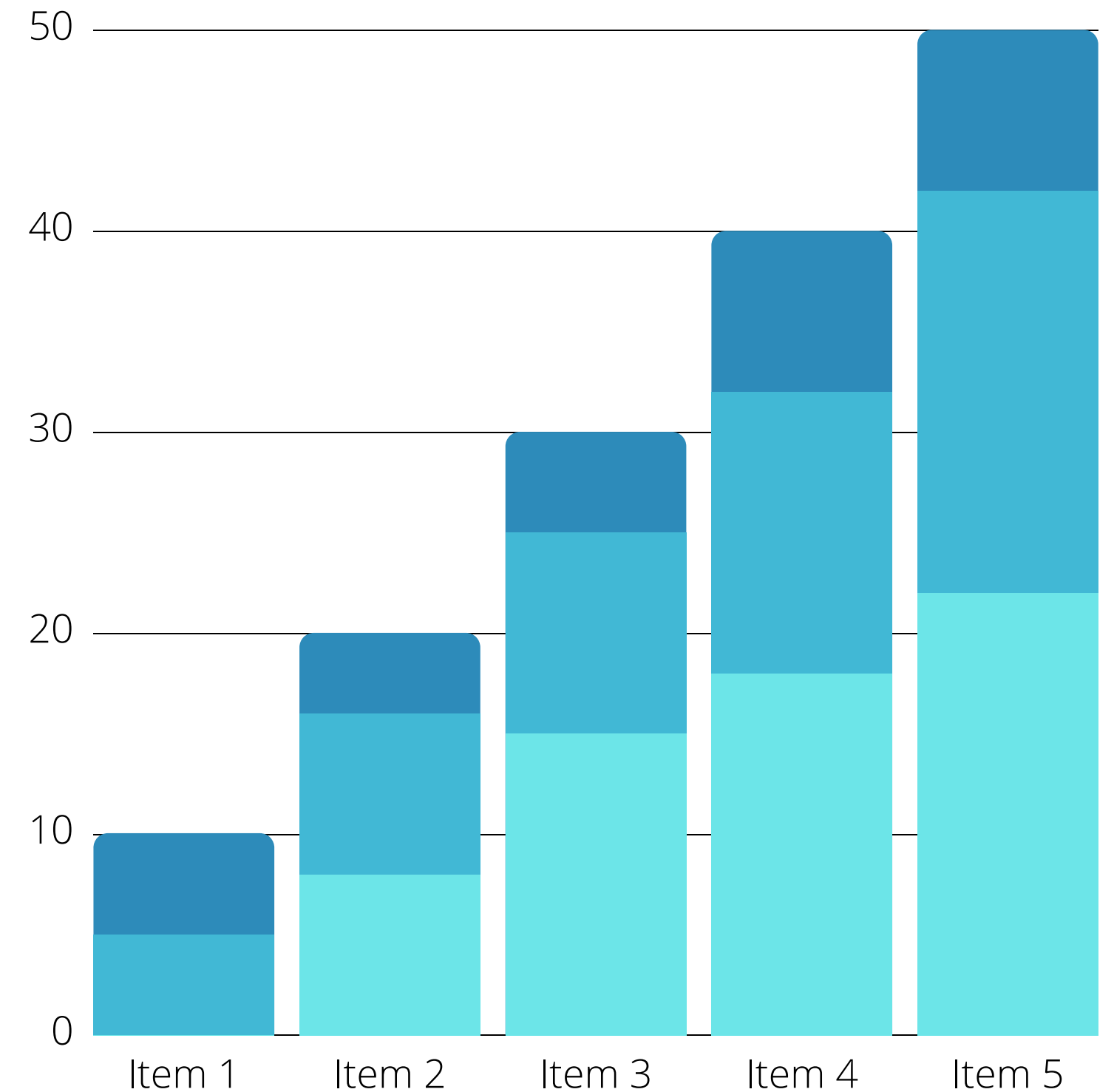
We are analyzing the top 30 coins from Coin Market Cap to run a 5 year historical analysis

Monte Carlo Simulations

After our 5 year historical analysis of the top 30 cryptocurrencies, we will then run a 5-year Monte Carlo simulation to decide which 5 coins will realize the maximum profits

Visual Representations of Analysis

After we have run our simulations, we will plot our analysis using several forms of interactive plots with advanced design.



Our Task List



DATA PROCUREMENT

We will be using pandas and Yahoo Finance api to gather historical data from the last 5 years

INTERACTIVE PLOTS

We will plot the data we find using multiple visual plots for each calculation

Pyviz

HvPlot

Matplotlib

MplCyberpunk

ANALYSIS

Monte Carlo Simulation 1000 simulations

Sharpe Ratio

Calmar Ratio

Daily Returns Daily / Mean Returns

Cumulative Returns

Distribution

Beta for Volatility

Variance

Covariance with S&P 500

Beta

Rolling 60 day of above

95% CI 99% CI



Julia Milin

Tim Moriarty

Gabby Giordano

Dariusz Ruch_Kamgar

Alex Park

Project Team