Project: Crypto Currency

Group Members:

1. Alina Smirnova
2. Reyna Gaoaen

Objective:

1. Correlation between rate of cryptocurrency rate and volume of Google (internet) queries
2. Correlation between stock market rates (major stock exchange) & crypto currency rate
3. Notes: US Market; 3 year trend; monthly or daily depending on data volume

API

1. <https://min-api.cryptocompare.com>
2. <http://api.bing.com/osjson.aspx?query=clooney> or a Google API; pytrend
3. <https://www.alphavantage.co/>

Project Plan

March 26:

1. Scope - done
2. Identify APIs - done
3. Github repository (Master & Branches) – done (action item: Reyna work with Julia to get Git command working on personal computer)
4. Pull/Initial view of data
5. POC of data

March 28:

1. Data pull
2. Reaffirm objective
3. Divide work
4. Work

March 30:

1. Pull data – clean code
2. Data analysis – create plots
3. Start story line for presentation

April 2:

1. Merge code, test and review
2. Agree on storyline
3. Mock-up presentation (storyline)

April 4:

1. Presentation

<https://min-api.cryptocompare.com>