Project 3 Proposal

Group #1: Shloka Jain, TJ Davis, Wipawadee Naiyakhun, KeyShawn Henson

Is Crypto the Future?

* Project Description/Outline
  + Our Project will look into the history of Gold, Silver and Bitcoin. The aim is to compare the three currencies to determine if Bitcoin (cryptocurrency) can become a sustainable and useful form of currency in our evolving world.
* Research Questions
  + Which is more stable, Gold, Bitcoin, or Silver?
  + Was there a shift in market sentiment when Bitcoin was created? Did it take eyes away from Gold and Silver in hopes of a future with digital currency?
  + Will/can Bitcoin replace Gold/Silver?
  + What are benefits to using crypto compared to standard currency?
  + How will Bitcoin be regulated?
* Datasets/APIs
  + Gold Historical Price
  + Bitcoin Historical Price
  + Silver Historical Price
* Rough Breakdown of Tasks
  + TBD
  + Gather daily/weekly/monthly data on:
    - Ticker close price
    - Ticker volume
    - Ticker volatility
  + Create bar charts and line graphs
  + Create Heatmap showing Bitcoin/Gold/Silver ownership by country or region