Project 3 Proposal

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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 (popularity) 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?
  + Which do people prefer more? Class vote
  + Which is more volatile/which one is a riskier investment?
  + Which countries own the most of each currency?
* Datasets/APIs
  + Gold Historical Price
  + Bitcoin Historical Price
  + Silver Historical Price
* Rough Breakdown of Tasks
  + Data - TJ and Key
  + SQL – Key
  + Flask API - TJ
  + Bar charts/HTML – Wipawadee
  + Line charts/CSS - Shloka
  + Heatmap - Everybody