Project Description

* Your task is to tell a story data visualization.
* Focus on providing users an interactive means to explore data themselves. Prepare a 10-minute presentation that lays out your theme, coding approach, data munging techniques, and final visualization.
* You may choose a project of any theme, but we encourage you to think broadly.
* You will have ample time in class to work with your group, but expect to put in hours outside of class as well.
* Your visualization must include a Python Flask–powered API, HTML/CSS, JavaScript, and at least one database (SQL, MongoDB, SQLite, etc.)
* A dashboard page with multiple charts that update from the same data
* Your final visualization should ideally include at least three views.

Day 1 (Today)

* Start brainstorming topics with your group and researching potential data sets.
  + Bitcoin
  + Ethereum
* Selecting a topic:
  + Create a custom technical indicator with buy and sell signal that is powered by live data feeds.
  + Render that chart on a website.
  + 1 hour. 1 day. 1 week.
  + Dashboard = Bitcoin, Ethereum Drop Down Menu.
  + Visualizing & Calculating $ Performance.
* Finding a data set
  + AplhaEx
* Finding inspiration
  + Making our own indicator for a profitable trade.
* “Sketching” your ideal visuals
  + Histogram

    Description automatically generated
* Creating a 1-page proposal Day 2:
* You will need to create a 1-page proposal that includes:
* A brief articulation of your chosen topic and rationale
* A link to your data set(s) and a screenshot of the metadata if it exists.
* 3 or 4 screenshots of relevant, “inspiring” visualizations that frame your creative fodder
* A sketch of the final design
* A link to the primary GitHub repository you’ll be housing your work in Day

3:Project Work