**Project 2 Proposal: US Economy at a Glance!**

**Objective:** Create a dashboard that gives us a quick overview of the current status and developments in the US economy. This dashboard will have a snapshot view and will provide the opportunity to delve deeper into some of the major macro-economic drivers and/or indicators provided.

As we know, many economists believe that the US will likely dip into a recession by 2021 despite the claims from the government that the economy is sound. Will this dashboard give us a view into the future?

**Dashboard Metrics:**

1. Unemployment by year, month, county
2. Gauges
3. Map
4. Top 4 trends #recession
5. Stock market performance (Dow Jones Index, S&P 500, Nasdaq)

**Tools to include:**

1. A Python Flask–powered RESTful API, HTML/CSS, JavaScript, and at least one database (SQL, MongoDB, SQLite, etc).
2. Use the NEW & FANCY JS library (We did not cover this in class)
3. Data has over 100 records.
4. Dashboard will include user-driven interaction (e.g., menus, dropdowns, textboxes).
5. The final visualization will have 5 views

**Data Sources:**

We will data pertaining to the US economy from multiple sources

* Unemployment/BLS
  + <https://www.bls.gov/iag/tgs/iag44-45.htm>
* GDP Change by State
  + <https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1>
* Census
  + <https://www.bls.gov/iag/tgs/iag44-45.htm>
* Stock market
  + <https://www.google.com/finance>
* Twitter
  + <https://twitter.com/hashtag/recession?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Ehashtag>
* US Inflation Rates
  + <https://www.usinflationcalculator.com/inflation/current-inflation-rates/>