Questions and Visualizations:

* How did reported covid cases affect Amazon stock data?
  + Year 2020
  + Year 2021
  + Scatter Plots of covid cases vs. Amazon stock with different time lags
    - Regression analysis to compare different time lags
      * Interjoin stock data and covid data on day of week where covid data was counted
    - Linear Regression of scatter plot with covid cases on x axis vs. stock data on y axis
    - Compare linear regressions to see what has the highest r^2 value
* How did Covid-19 Deaths affect the Amazon stock data?
  + Year 2020
  + Year 2021
  + Scatter Plots of covid deaths vs. Amazon stock with different time lags
    - Regression analysis to compare different time lags
      * Interjoin stock data and covid data on day of week where covid data was counted
    - Linear Regression of scatter plot with covid cases on x axis vs. stock data on y axis
    - Compare linear regressions to see what has the highest r^2 value
* How did Covid-19 progress over time in the United States?
  + Covid Cases (2020, 2021)
    - Pre-vaccine
    - Post-vaccine
  + Covid Deaths (2020, 2021)
    - Pre-vaccine
    - Post-vaccine
  + How are deaths and cases correlated?
    - Did death rate drop as Covid progressed due to certain factors (immunity from getting covid, vaccination, etc.)
* How did Amazon stock volume perform during 2020 and 2021
  + Show significant events on timeline

Covid & Amazon Data (Nick’s Suggestions):

* Interjoin stock data and covid data on day of week where covid data was counted
* ~~Heatmap of correlation between rise of covid cases and rise in Amazon stock?~~
  + ~~An example in class of heatmap and correlation~~
* Linear Regression of scatter plot with covid cases on x axis vs. stock data on y axis
* Compare linear regressions to see what has the highest r^2 value

Notes:

* Research AWS vs Amazon Fulfilment revenue/profit

Connor:

* How did Covid-19 progress over time in the United States?
  + Covid Cases (2020, 2021)
    - Pre-vaccine
    - Post-vaccine
  + Covid Deaths (2020, 2021)
    - Pre-vaccine
    - Post-vaccine
  + How are deaths and cases correlated?
    - Did death rate drop as Covid progressed due to certain factors (immunity from getting covid, vaccination, etc.)

Sam:

* How did reported covid cases affect Amazon stock data?
  + Year 2020
  + Year 2021
  + Scatter Plots of covid cases vs. Amazon stock with different time lags
    - Regression analysis to compare different time lags
      * Interjoin stock data and covid data on day of week where covid data was counted
    - Linear Regression of scatter plot with covid cases on x axis vs. stock data on y axis
    - Compare linear regressions to see what has the highest r^2 value
* How did Covid-19 Deaths affect the Amazon stock data?
  + Year 2020
  + Year 2021
  + Scatter Plots of covid deaths vs. Amazon stock with different time lags
    - Regression analysis to compare different time lags
      * Interjoin stock data and covid data on day of week where covid data was counted
    - Linear Regression of scatter plot with covid cases on x axis vs. stock data on y axis
    - Compare linear regressions to see what has the highest r^2 value

James:

* How did Amazon stock volume perform during 2020 and 2021
  + Show significant events on timeline

Matusola:

* Would he like to be involved in working with Sam or Connor’s data

All:

* Create new branches
* Decide on next meeting outside of class on Wednesday (Saturday possibly)