* Philadelphia School District
  + Similar to PyCity Schools
  + Private vs Charter vs. Public
  + Census
  + Public Transportation
  + Cutting Librarians
  + Choosing ratio of staff to cut
* Disease
  + Covid
  + Ebola
  + Sars
  + Kaggle
* Branding
  + Google Maps
    - Soda
    - Chips
    - Strengthening Marketing Tactics
* Credit Card Fraud Detection
  + Not enough data over time
* WHO Suicide Statistics
  + Outline the goals (scope) and purpose of your project
    - Prevents scope creep, and provides direction
    - What are the attributes of wineries and is there a relationship with review types and number of visitors?
  + Create a brief summary of your interests and intent:
    - What kind of data would you like to work with, or what field are you interested in?
      * Winery attributes: tours, tastings, location, size, etc.
    - What kind of questions could you ask of that data?
      * what makes a good winery---why do people go? Look at the attributes of the wineries on Yelp and use their number of attributes or a specific attributes vs number of visitors or number of positive reviews
    - What sources might you find this data?
      * Yelp API
      * Google Maps
  + Example Project Proposal:
    - “*Our project is to uncover patterns in criminal activity around Los Angeles. We'll examine relationships between types of crime and location; crime rates and times of day; trends in crime rates over the course of the year; and related questions, as the data admits.”*
    - *Our project will analyze winery review globally to find any potential relationship between certain attributes (such as size, location, offerings, etc.) and visitors reviews.*
* Wine Reviews/Beer
  + Data
    - Yelp Winery Reviews
    - Soil
  + Craft Beer/Brewery
  + <https://www.kaggle.com/danielpanizzo/code?select=wineQualityWhites.csv>
  + <https://www.brewersassociation.org/statistics-and-data/national-beer-stats/>
  + <https://www.openbrewerydb.org/>
  + Questions:
    - Prediction where someone would what to go to
    - Based on Review
    - Where to create better wine
    - Look at Keyword
    - Red vs White
    - Alcohol Content
    - Sugar Content
    - Attributes of the Winery
    - Soil Data: how is wine being produced?
    - Global
    - Wine vs Beer
    - what makes a good winery---why do people go? Look at the attributes of the wineries on Yelp and use their number of attributes or a specific attributes vs number of visitors or number of positive reviews
    - Potential for looking at positive reviews, what key words do they focus on- 'buttery', 'oaky', 'dry', or 'fruity'? What area of the globe are they?
    - What is the climate and soil like? This will be more advanced and require merging the data, using soil data, location data and key-word recognition
    - Looking at where the best-reviewed wineries are in the world, maybe looking at wine sales and seeing if they are one and the same?
    - Looking at timing of visits, when do people go and to which wineries? Red vs white wine trends what years are certain wines and wineries popular
    - <https://www.breweriesinpa.com/pennsylvania-beer-stats-2019/>
    - <https://www.inquirer.com/health/coronavirus/coronavirus-pennsylvania-liquors-stores-plcb-sales-20200403.html>
    - <https://www.visitphilly.com/articles/philadelphia/the-wineries-and-vineyards-trail-of-greater-philadelphia/>

What US States carry the most foreign wines