1. Final project:
   1. Does the change in temperature and precipitation effect the rate at which people contract Lyme disease?
   2. Practical application: climate change and its effect on diseases carried by arachnids.
   3. The two data sets can be combined into one data set since they both have state names
2. Weather data sets: daily temperatures and precipitation for weather stations
   1. NOAA Global Historical Climatology Network Daily (GHCN-D)
   2. The csv files below are only for the year 1788 but you can change it to another year by switching out the 1788 with any other year
   3. Give state name in the data set
   4. <https://docs.opendata.aws/noaa-ghcn-pds/readme.html>
      1. <http://noaa-ghcn-pds.s3.amazonaws.com/csv/1788.csv>
      2. <http://noaa-ghcn-pds.s3.amazonaws.com/csv.gz/1788.csv.gz>
3. Lyme disease data set: includes lyme disease in US counties
   1. This data set can be downloaded from the cdc website
   2. Lyme disease data from 1992 to 2011, gives county name and state name
   3. https://data.cdc.gov/dataset/LymeDisease\_9211\_county/smai-7mz9