* Intro
* State initial main questions
  + What affects health care outcomes?
    - Weather – Do people who live in warmer states have better health than those who live in colder?
    - Income – Does income affect health? Do people with lower incomes, statistically people who haven’t graduated from High School have poorer health?
    - Park/recreation access – Do people who live in areas with more parks, gyms and other recreational activities have better health?
  + How does preventable hospitalization rate correlate to various environmental and social factors by county?
* Review initial findings
  + Weak correlations among
* Title Slide
  + Include the name of the Project and Group Members
* Motivation & Summary Slide
  + Define the core message or hypothesis of your project: If a county has poor socioeconomic factors, then the preventable hospitalization rates will be higher and vice versa.
  + Describe the questions you asked, and why you asked them
    - Does access to exercise opportunities result in a lower preventable hospitalization rate?
    - Does income affect the preventable hospitalization rate?
    - Does mental/physical wellbeing have an impact on the preventable hospitalization rate?
  + Describe whether you were able to answer these questions to your satisfaction, and briefly summarize your findings
    - Unsatisfactory findings
      * Learned that preventable hospitalization rate is limited to Medicare only.
      * Weak correlations where we thought they would be strong
        + \*Scatter + regression chart: prev\_hosp and food\_index
        + \* Scatter + regression chart: prev\_hosp and income\_ratio
    - Adjusted question
      * How is a county’s fair health score impacted by various environmental and social factors?
        + Found strong correlation between fair health food index
        + Excessive drinking has a strong correlation with fair health (or lack thereof)
        + Percent of adults with obesity has a strong correlation
* Questions & Data
  + Elaborate on the questions you asked, describing what kinds of data you needed to answer them, and where you found it
    - County health data (originally thought city but changed based on available information)
    - Points of interest data (from Google)
    - Latitude and longitude by county to find points of interest
    - State name to abbreviation conversion
* Data Cleanup & Exploration
  + Describe the exploration and cleanup process
    - Had to narrow focus given the large amount of data by county we found
    - Had to find ways to complete the data since dataset didn’t have all information we needed to perform various analyses
  + Discuss insights you had while exploring the data that you didn't anticipate
    - The amount and type of data available by county
  + Discuss any problems that arose after exploring the data, and how you resolved them
    - Challenging to get certain data if we looked at information at county level (closest restaurant for example)
    - Realizing our initial data point was limited to a specific set of individuals
    - Questioning accuracy of responses in data
* Present and discuss interesting figures developed during exploration, ideally with the help of Jupyter Notebook
* Data Analysis
  + Strongest correlation to fair health: physically unhealthy days, mentally unhealthy days, smokers
    - \*geomap: top 20/bottom 20 counties for physically unhealthy days
    - \*geomap: top 20/bottom 20 counties with nearest park and gym
  + Next strongest correlation to fair health: excessive drinking, food environment index, social association rate
    - \*geomap: nearest liquor store to county
  + Texas and Mississippi have the highest number of counties with poor health – the bottom-ranking 20 counties are all located in the South
    - \* Pie chart: Counties with Highest % of Poor Health…
  + Colorado and Minnesota have the highest number of counties with fair health
    - \* Pie chart: Counties with Lowest % of Poor Health…
* Discuss the steps you took to analyze the data and answer each question you asked in your proposal
* Additional thoughts/research for future