**Data Equity for Main Street**

**Handout 3: Treasure Hunt - Answer Questions Using Data**

In this exercise, you’ll spend about 20 minutes using open data to answer questions. Choose one of the datasets below that looks interesting and see if you can answer the questions.

1. [Cancer Data from SEER](https://seer.cancer.gov/faststats/selections.php?series=cancer) (<https://seer.cancer.gov/faststats/selections.php?series=cancer> )
   1. In 2001, which rate was higher for women—esophageal or stomach cancer?
2. [Weather Data from NOAA](https://www.ncdc.noaa.gov/cdo-web/datatools/normals) (<https://www.ncdc.noaa.gov/cdo-web/datatools/normals> )
   1. What is the average temperature at the Seattle Tacoma International Airport, for:
      1. the month of December
      2. for December 31
      3. for Winter
      4. for noon on December 31?
   2. Now compare those numbers with the figures for Miami International Airport.
3. [National Consumer Complaints Database](http://catalog.data.gov/dataset/consumer-complaint-database)\* (<https://catalog.data.gov/dataset/consumer-complaint-database> )
   1. In the Consumer Complaints Database subset for January 2017, what is the category with most complaints?

*Hint: For this analysis, you will want to use Excel or similar product to sort the column with the complaint type information (labeled “Product”), and then use the subtotals command, which is under the data tab, to the far right (at each change in “Product” you want the “Count”).*