Assignment 3 Data

County Data:

1. 5296US_landarea

   - **FIPS** – the code for a county within a state. Note that the first two digits may indicate the state.

   - **State** – the name of a state. 48 States are included (Alaska and Hawaii are not included because they are not within the contiguous US). The District of Columbia which is not a state but rather the region in which the capital of the US is, is included.

   - **County** – the name of a county within a state. Two different states can have a county with the same name.

   - **Land Area** – the county land area, in square kilometers.

2. 5296US_waterarea

   - **Water Area** – the area in square kilometers that is covered by water all year long.

3. 5296US_pop

   - **Date** – fixed year 1990.

   - **Population** – population estimates for the county in 1990.

Economic Data:

1. BCD-DJIA1.csv

   - **Date** – date.

   - **Value** – closing price of the Dow Jones Industrial average (a stock market indicator).

2. county1.csv

   - Historic 1969,1979,1989,1999 **Median Household Income** by county, state, and overall US.

3. Dow Jones Industrial Average Historical Data 2.csv

- A sample of what a current downloadable stock market data might look like. Downloading such data and applying is permitted for the bonus question.

4. Gdpcounty1218.xlsx

Three xlsx sheets:

- Current Dollar GDP: Gross Domestic Products for county.
- Real Dollar GDP: Gross Domestic Products for county or adjusted of inflation.
- Real Dollar GDP: growth for a given year.

Each county in each state has 4 rows:

- Line Code 2 (Private goods-producing industries) + Line Code 3 (Private services-providing industries) + Line Code 4 (Government and government enterprises) = Line Code 1 (All Industries).

Years provided are 2012-2015 with the last sheet only 2013-2015.

- The figures are raw and are not adjusted per capita or by other means.

General Demographic Data:

1. county_complete.csv

- **fips** – the code for a county within a state.
- **state** – the name of a state.
- **name** – the name of a county within a state.
- **pop20##** – estimated population in the year 20##.
- **age_under_#_(year)** – percentage of population under the age of # in a specific year.
- Over 100 additional variables of demographic data.

Life Expectancy Data:

This folder contains a README (.txt) file that briefly describes the variables

USELectionResults1976-2020

1. 1976-2020-house.csv

   - **year** – election year.

   - **state** – the name of a state.

   - **state_po** – postal abbreviation of the state.

   - **state_fips** – the prefix of the fips code describing the state.

   - **office** – US House (house of representative race).

   - **district** – the district within a state (Alabama has 7 districts in 1976 election, which means they sent 7 house members to the house of representatives).
     If a district is labeled 0, it means that the state had a small population and sent only a single representative to the house of representatives (Alaska, is an example in 1976)

   - **stage** – general election or primary.

   - **runoff** – was it a runoff (some elections have the top 2 candidates compete against one another).

   - **special** – was the election unscheduled.

   - **candidate** – name of candidate.

   - **party** – Democrat / Republican / Other smaller parties

   - **writein** – was the candidate on the ballot or written in.

   - **candidate votes** – the number of votes that the candidate received.

   - **total votes** – total votes in the district.

   - **version** – latest update in data

2. 1976-2020-president.csv

   Similar variables to 1976-2020-house.csv but for presidential elections.

3. 1976-2020-senate.csv

   Similar variables to 1976-2020-house.csv but for senate elections.