# Assignment 02 - Select data on per-capita income

#### Due Feb 10

### 200 pts

Create a table that matches with the data in clean-data.csv.

Load the data in clean-data.csv using the load-bea-data.sql script.

Load the data in election\_2020.csv using the load-election\_2020.sql script.

Construct a select statement that will count the number of counties that each candidate won.

**Example Output:** 

Construct a select statement that will take the data and combine it with the county election data in the table election\_2020 (data provided - see the lecture 2 data).

Print out 2 columns of data. The columns should be "Winner" and "Average Per Capita 2020 Income".

**Example Output:** 

Note... there is an error in this data - we will discuss it in class on Tuesday.

Formatting: the income number is formatted using a type cast of ::numeric(10,2).

To do the query you will need to join to the table that lists the per-county winners, election\_2020.

Create and populate the table with using insert/update statements.

in the queries. Not all of the counties are represented because the data is missing some stuff. Not all states represent data as "county" data. For example, find "Albemarle + Charlottesville,"74,603","75,885","77,606",7,1.7,2.3,104" line 3004 in lapi1121.csv. This is skiped in the load program. So the data for this combined county and city is not in the

## bea\_growth\_data table.

### Turn in

- 1. Your output from the 2 queries.
- 2. A select from election\_2020 that groups and counts the number of counties that each candidate won. (Hint: Biden won 293 counties)
- 3. Your select statement that shows the average per capita income by counties that a candidate won. The output from this select. (Hint: should match the example output above).