What needs to be done (20190619)

* ~~Pre-process beer consumption data (based on brewery number data script)~~
* ~~New page with state beer consumption data~~
* ~~Year range slider~~
* Brewery map pointer
* Github -> do again
* ~~Background paragraph~~
* Choose states in alphabetical order and with full names
* Chooses states make NA an option (And the default for selections 2 and 3)
* ~~Fix ‘most popular style’ and ‘most reviewed brewery’ options~~

First sheet is consumption on brewery premes!

The purpose of this dashboard is to help the user understand the state of the American brewing industry through visualizations. Most of the data used in this dashboard comes from United Dtates Alcohol and Tobacco Tax and Trade Bureau which is a bureau within the Department of the Treasury. State population data, used to calculate ‘per resident’ statistics comes from the Federal Reserve Bank of St. Louis. Additionally, the ‘Mean ABV’ and ‘Mean Rating’ data comes from a Kaggle.com data set that was originally scraped from BeerAdvocate. Where as the other data comes from highly reputable sources, conclusions based on this data should be taken with a grain of salt. There may be unknown biases, both innocent and nefarious, within the data.

When exploring the data, it is important to comsider how the presence of large brewing facilities affects some of the metrics. For example, in 2018 over 90% of beer brewed in Oklahoma was consumed on brewery premises. Whereas less than 1% of corresponding beer was consumed this way in neighboring Texas. This is undoubtably due to the presence of large Anheuser-Busch production facilities in the state which produce high volumes of beer for regional sale and dwarf production at small breweries with onsite tap rooms.

I especially enjoyed seeing the explosion of craft breweries reflected in the data. While the Alcohol and Tobacco Tax and Trade Bureau does not collect this data explicitly, various metrics such as ‘barrels of beer consumed on a brewery premise’ serve as good proxies.