Code Book

# **Data File beers.csv**

Columns:

* Name - Name of the beer.
* Beer\_ID - Unique identifier of the beer.
* ABV - Alcohol by volume of the beer. Used for ABV calculations and KNN.
* IBU - International Bitterness Units of the beer. Used for IBU calculations and KNN.
* Brewery\_ID - Corresponds to brewery in which the beer was made. Used to join beers.csv and breweries.csv.
* Style - Style of the beer. Used for data mutation to classify beers as IPA, Ale, or Pilsner/Lager.
* Ounces – Volume of each beer in ounces in base sale volume.

# **Data File breweries.csv**

Columns:

* Brew\_ID - Unique identifier of the brewery. Renamed Brewery\_ID and used to merge beers.csv and breweries.csv.
* Name - Name of the brewery.
* City - City where the brewery is located.
* State - State where the brewery is located. Used to calculate Breweries per state and map beer data.

# **Data File apparent\_per\_capita\_alcohol\_consumption\_1977\_2018.csv**

Columns:

* State – This is the state from which the data was sampled. This was used to match up data to graphical mapping.
* Year – This is the year for which the data was taken. We filtered on this row and took only data from 2018.
* ethanol\_beer\_gallons\_per\_capita – Number of gallons of beer consumed per capita for given year.
* ethanol\_wine\_gallons\_per\_capita – Number of gallons of wine consumed per capita for given year.
* ethanol\_spirit\_gallons\_per\_capita – Number of gallons of hard liquor consumed per capita for given year.
* ethanol\_all\_drinks\_gallons\_per\_capita – Number of gallons of alcoholic beverages consumed per capita for given year.
* Number\_of\_Beers – Number of beers consumed per capita for given year. Used to calculate top 10 beer consuming states.
* number\_of\_glasses\_wine – Number of glasses of wine consumed per capita for given year.
* number\_of\_shots\_liquor – Number of shots of hard liquor consumed per capita for given year.
* number\_of\_drinks\_total – Number of total alcoholic beverages consumed per capita for given year.