Introduction:

Using data from the Beers and Breweries data <<<do we have the source of this data anywhere?>>> , we will analyze the data set in order to draw conclusions about breweries, alcohol content, bitterness and associations between those attributes. The dataset contains information from 2410 US craft beers and 558 US breweries.

The following is a description of the data fields within each data set:

Data Set: Beers

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| --- | --- | --- |
| Variable | Description | Type |
| Name | Name of beer | Categorical |
| Beer ID | Beer name as identified by a number | Numeric |
| ABV | Alcohol by volume: the number of ml of ethyl alcohol present in each 100 ml of an alcoholic beverage when measured at 20°C (ref: dictionary.com) | Numeric |
| IBU | International Bitterness Unit: parts per million of isohumulone found in a beer. Isohumulone is the acidity found in hops that gives beer its bitterness (ref beerconnoisseur.com) | Numeric |
| Brewery ID | Brewery identifier by a number | Numeric |
| Style | Type of beer as named by its character and sometimes, origin. Characterizations can include: hoppiness, additional ingredients, thickness. (ref: beeradvocate.com) | Categorical |
| Ounces | Volume of beer | Numeric |

Data Set: Breweries

|  |  |  |
| --- | --- | --- |
| Variable | Description | Type |
| Brew ID | Brewery as identified by a number | Numeric |
| Name | Name of brewery | Categorical |
| City | City in which the brewery is located | Categorical |
| State | State in which the brewery is located | Categorical |