

Recitation 4
Daniel Kim

Team member:

- Daniel Kim
- Zixiao Wang

Dataset:

- Craft Beers Dataset: 2K+ craft canned beers from the US and 500+ breweries in the United States

Questions:

- Which state produces the most beer? (Zixiao)
- What's the most popular beer size? (Zixiao)
- What's the most popular beer style? (Daniel)
- What's the most popular alcoholic content by volume? (Daniel)

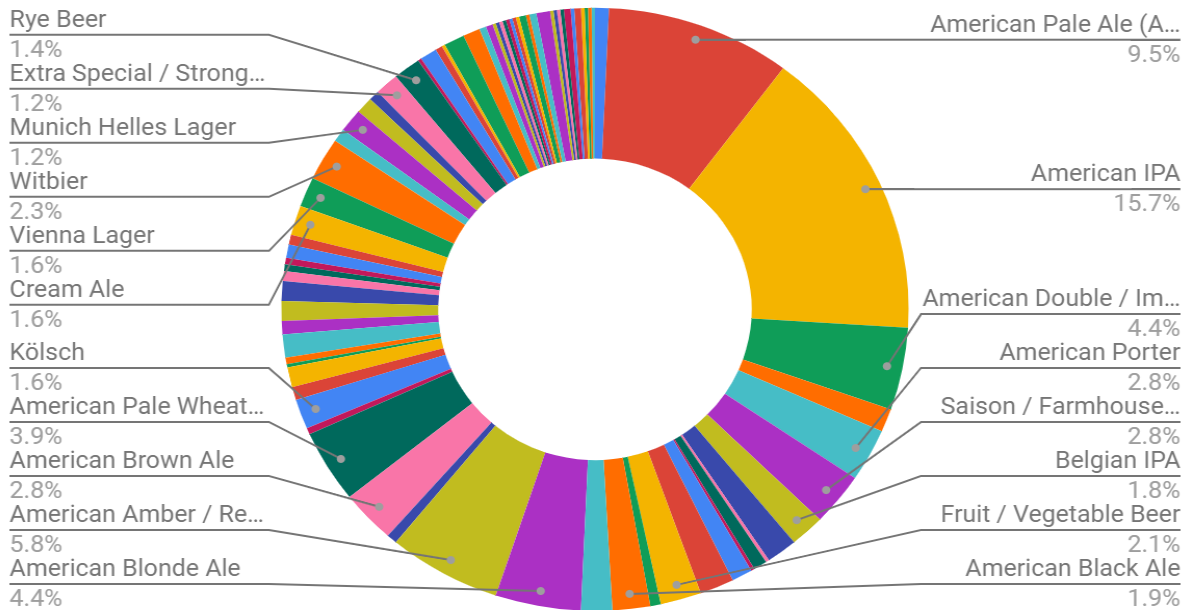
Required data and comparisons

- What's the most popular beer style? (Daniel)
 - I will be using the Styles column to figure out which is the most popular style
 - People can learn that a lot of consumers prefer these styles over the other. In addition, this could also relate to how easier to make this specific type of style over the other styles.
- What's the most popular alcoholic content by volume? (Daniel)
 - I will be using the ABV column to figure out which is the most popular.
 - People can learn which ABV is the most pleasing to people, and not many people actually enjoy drinking heavy ABV drinks.

Visualization tool:

- Google sheets
- What's the most popular beer style? (Daniel)

Count of style (Beer style (lager, ale, IPA, etc.))

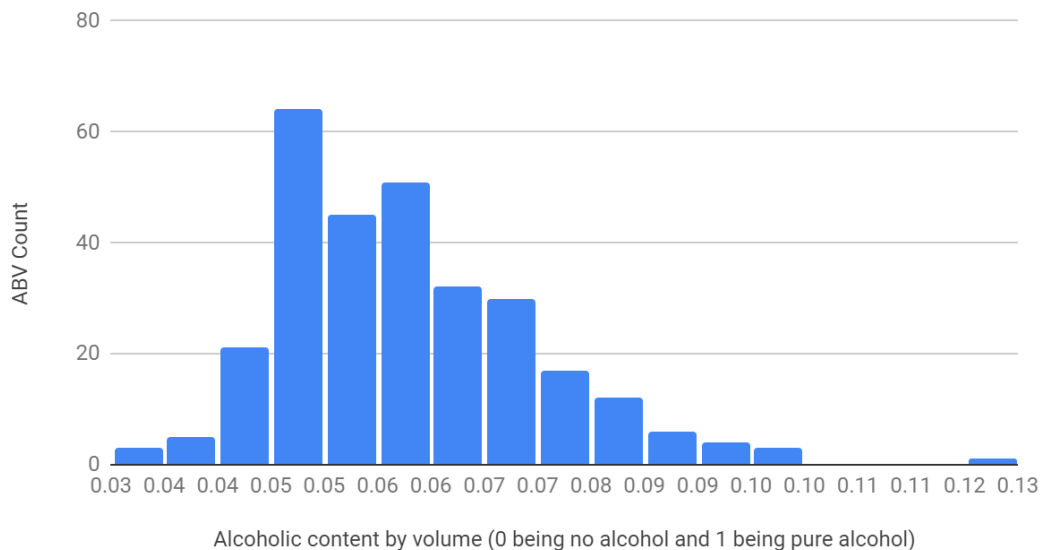


Donut chart using Styles column

I decided to do a donut chart because there are many names of the style. In addition, since you are looking at the most count of styles within many different names, the donut chart makes it easy to find what style is the most popular without looking at the specific numbers. Because there are many names, donut charts can fit the data efficiently compared to other visualizations. American IPA is the most popular beer style.

- What's the most popular alcoholic content by volume? (Daniel)

Count of ABV (Alcoholic Content by Volume)



Histogram using ABV column.

I picked a histogram to portray the count of ABV. Since the bin range is only 0 to 1 and there is a lot of repetitive data, I was able to split the x-axis evenly while maintaining a pleasing visualization. Compared to other visualizations, I believe that this histogram portrays straight to the point and the easiest to grasp what the topic is about in this situation. Therefore, 0.05 is the most popular alcoholic content by volume.

Team Member Feedback:

- Zixiao Wang
 - I feel like I could have picked a different visualization for Count of ABV visualization due to being too simple(?). Besides that, everything looks good and answers the questions.