Tableau link first version:
https://public.tableau.com/profile/lucas6433#!/vizhome/Project_Beer/BeerAnalisys

After feedbacks:
https://public.tableau.com/profile/lucas6433#!/vizhome/Project_Beerv3/BeerAnalisys?publish=yes

Summary

I want to analyze the beer dataset and shoe correlation between ABV and reviews.
In my visualization I plotted 4 dashboard to show my analisys. The first and second are basically histograms and just one bubble plot. The third plot has a filter that interacts with plots. And the last I tried to show a correlation between variables on dataset.

Design

I tried to foucus on lenght and position because are accurate visual encodings. To show relationships I used scatteplots and to show distribution I used histogram plots. In detail names, that is not so important, I chose use colors.
After my first feedback I made changes on dashboards 2 and 3. On dashboard2 I left it with less colours and more readable. On dashboard 3 I remove the legend on the right side and leaft the filter only in the bubbles.
After the second feedback, I changed the second dashboard taking out the colours, using olnly tables.
I created a new plot and new variable, grade overall splitting the overall in 3 groups (Ok, Good and Excelent). Then, I create a beer list to people easily see the best beers and the details.
The fourth dashboard, I remove one plot to simplify and use the new variable again.

Feedback

“The first and last slides were the most impactful for me. The second slide was too colorful, not enough differences between the bars, it didn't work for me. The third slide, I wasn't sure if selecting an item on the right was supposed to filter the chart, if so it didn't appear to work. There is a lot of over-plotting on the bubbles, so some sort of filtering option might be good, or if you chose to limit to some number of beers that might work well too.”

“Very interesting dataset. Learnt a lot about beers :). Here are some of my suggestions to glean more information, and which would make it easier for me to understand the data further. The number stands for the page number of the story.

1. To me the top “count” number is not very interesting, as you don’t use it further along. It just says that these are the beers appearing the most in your data and introduce me to some names. So, you could remove this plot.

2. Three suggestions on this one:
a)

Instead of Top 10 (which seem to be very close in their reviews), it would be more interesting to group them into grades of Great, Mediocre and Low (based on review cut-offs), if possible, and make then three different plots for each. It also then tells me which beers to avoid.

b)
The three variables, aroma, taste and appearance could be combined in stacked bar plot. Basically put all these variables in the “Color” division.

c)
I would have liked to see the beers arranged by name, so that its immediately apparent how each beer is doing in each of the categories. For example, “The Abyss” seems to be among “Top 10” in all categories.

3. the avg_review_aroma axis value does not correspond to the value when you hover on the points. So, I am wondering why there are three axes e.g. look at “Miller Life High” . Also, if possible it would be nice to group these beers into good, bad and ugly :slight_smile: (or more categories if you want) based on review overall, and then show how these 3 groups behave on the other two axes (i.e then make a correlation plot)

4. Not sure why you are repeating the beer style again on the 4th page (it also appears in the 3rd page), so you could remove it from here. Also, it would be nice if you could put some texts on the plot itself with your insights, for. eg. this is the beer with the highest ABV and has the highest review as well.).

Also, is there a “price” variable? That would be nice to see as well.
Nice work, great information, and I hope this helps to rock it further. All the best.”

Resources

Dataset:
https://data.world/socialmediadata/beeradvocate/workspace/file?filename=beer_reviews.csv

References:
https://community.tableau.com
https://stackoverflow.com