Coding Dojo - Data Science Challenge

Beer Advocate Review Challenge

Using the following dataset, your challenge is two-fold. 1. Answer the questions using the instructions below. These are purposefully vague and your task is to provide as much or as little information for us to understand your thought processes and as well as be able to see your work in a Jupyter Notebook. There is no one answer. You should justify your answers and show your work in every case. No detail is too small to leave out at this point. The amount of time spent should not be more than 48hours from the receipt of the testing criteria.

Beer Advocate Review DataSet:

https://drive.google.com/file/d/1Vo5zQI4Ayvic22rjV45NqJ-Qmo6h1o6M/view?usp=sharing

Challenge Questions:

1. *Which brewery produces the strongest beers by ABV%?*
2. *If you had to pick 3 beers to recommend using only this data, which would you pick?*
3. *Which of the factors (aroma, taste, appearance, palette) are most important in determining the overall quality of a beer?*
4. *Lastly, if I typically enjoy a beer due to its aroma and appearance, which beer style should I try?*

Instructions:

1. Read the data into Python and be able to summarize and explore the data.

2. Aggregate and manipulate the data accordingly (simple means, thresholds, grouping and subsetting).

3. Visualize and communicate results, findings, and code in a well-documented iPython Notebook