# Sovereign Of Suds

Megy Amy Garcia
Cohort DA10
2024





## **Overview**





- Analyzing data from BeerAdvocate
- Online community dedicated to the promotion and support of beer since 1996
- Data from the most reviewed beers on the site
- Project aims to guide a new consumer or beer lover on their beer journey
- Philosophical approach: Cheers To The Good Things In Life!



## **Process**

#### Web Scraping

- Scraped the first two pages of each subtype of the fourteen beer types
- Challenges: site issued timeouts, duplicates in the process, data shifts
- Checkout github to see how these challenges were handled

#### Cleaning and EDA

- ~ Python
- ~ Noted: Faro, a

Wild/Sour type, had

less data

#### Visualization

- ~ Graphs: Tableau
- ~ Presentation: Canva & Google Slides

#### **Target Question:**

Does alcohol by volume (ABV) have a role in how well a beer is rated?



## F.Y.I.

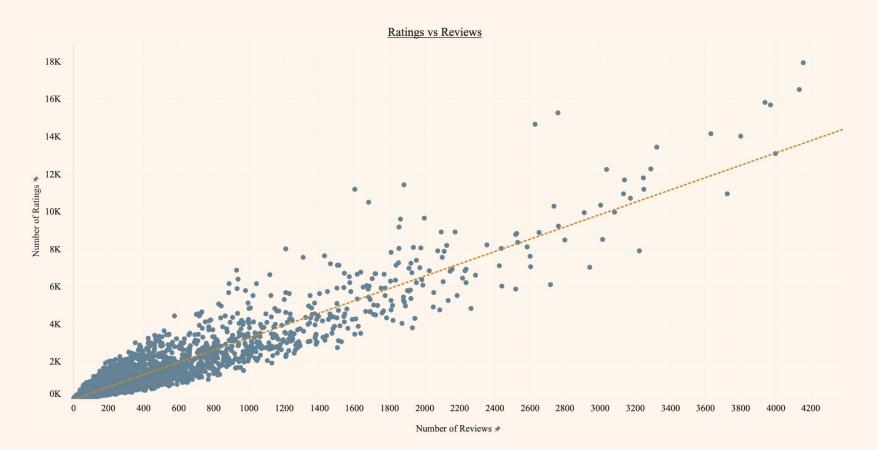
• 14 types of beers:

Bock, Brown Ale, Dark Ale, Dark Lager, Hybrid Beer, India Pale Ale, Pale Ale Pale Lager, Porter, Specialty Beer, Stout, Strong Ale, Wheat Beer, Wild / Sour Beer

- 120 subtypes total
- Scoring: 100 43 (seven different tiers)

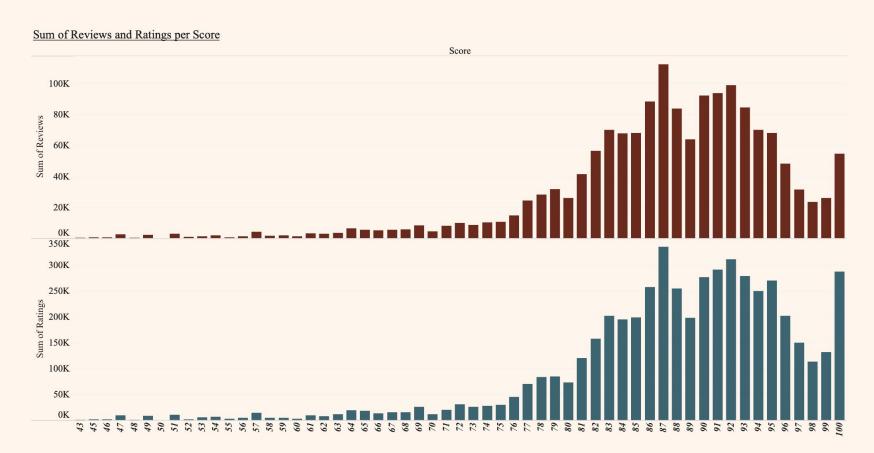


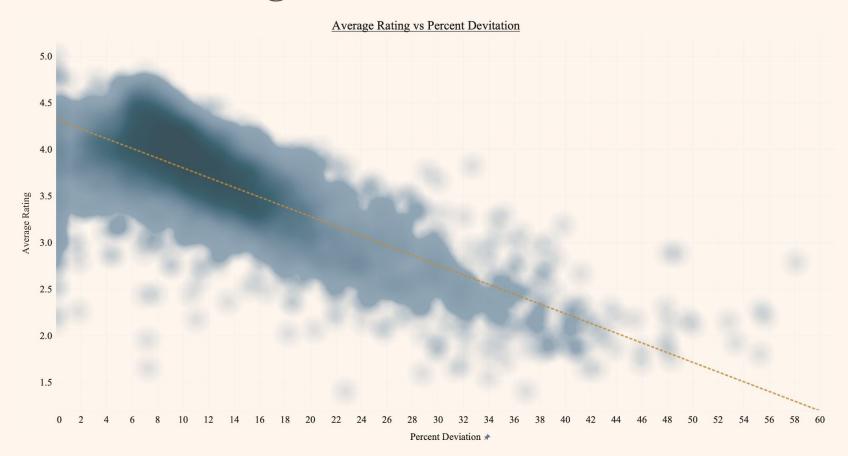


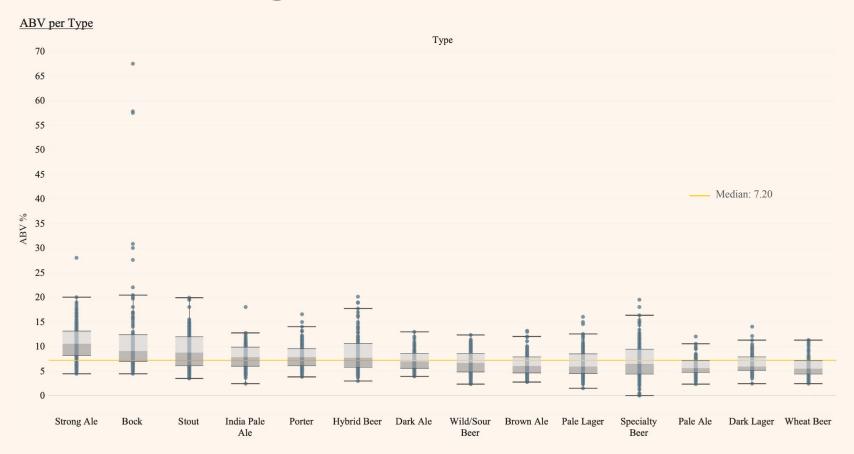








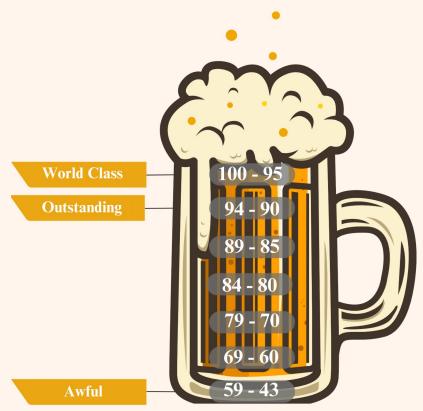




### **Deep Dive: Cheers To The Good Life**

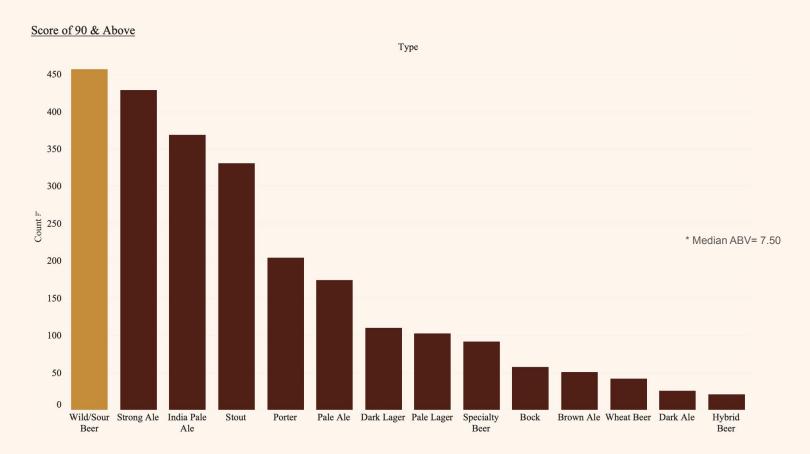
The following items will be analyzed:

- Beers with scores of:
  - ~ Ninety and above
  - ~ Perfect score of one hundred
  - ~ Fifty-nine and below
  - ~ Worst score of forty-three
- Drill-down approach

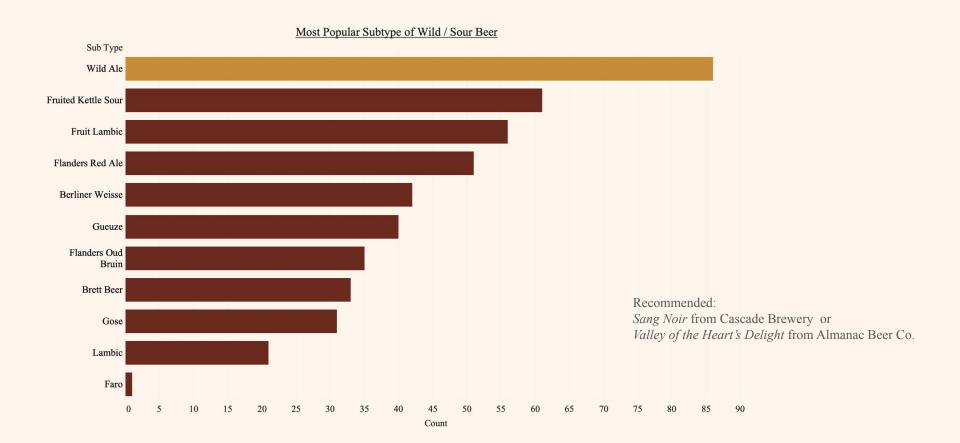




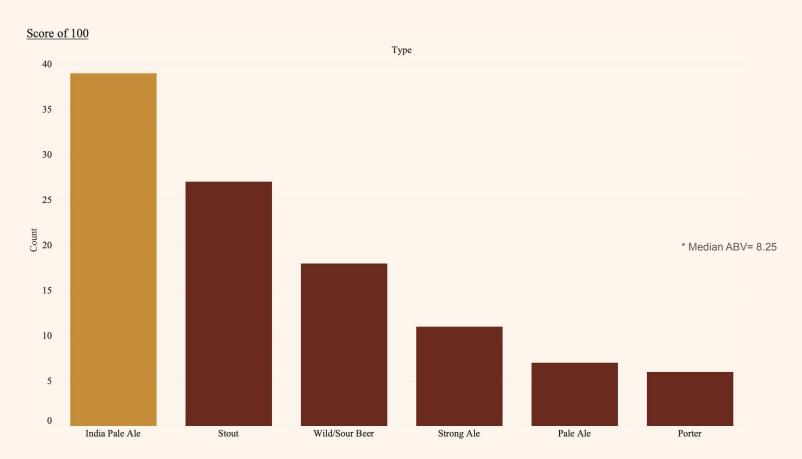
### The Good: Scores Over 90



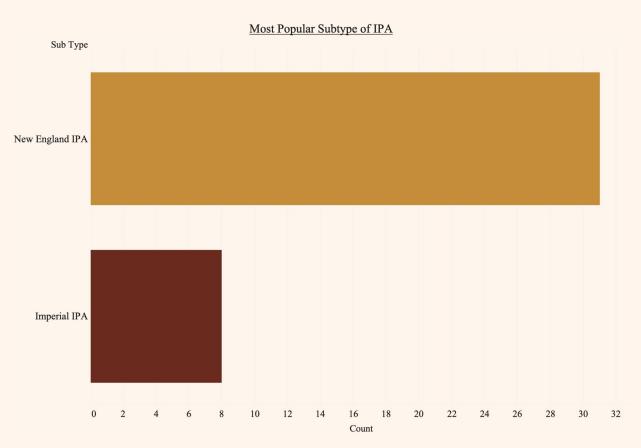
### Scores Over 90: Drill- Down



### The Good: Perfect Score



### **Perfect Score: Drill-Down**

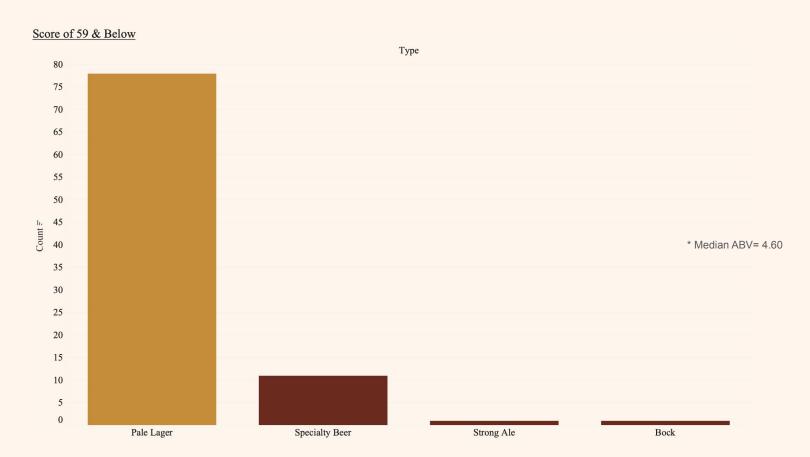


Recommended:

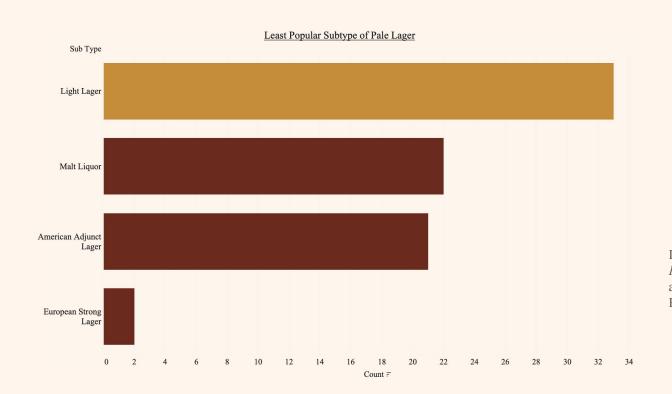
King Julius from Tree House Brewing
Company or Abner from Hill Farmstead
Brewery



### The Bad: Scores Below 59



### **Scores Below 59: Drill-Down**



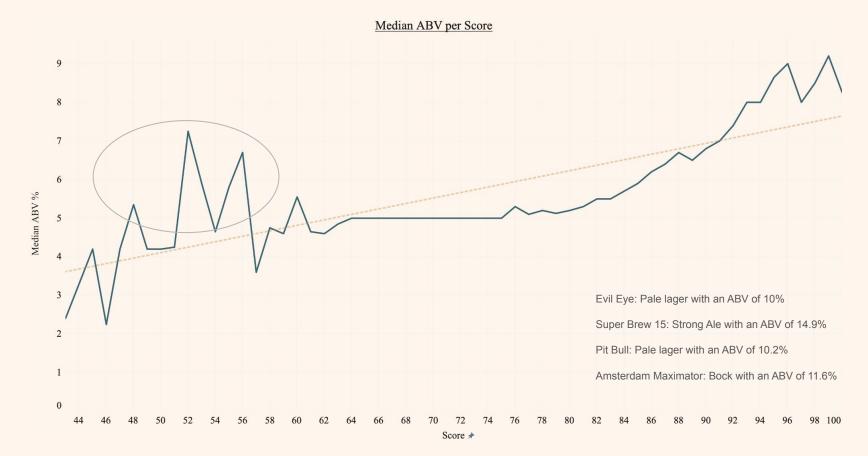
Least Scored and Rated: Budweiser Select 55 from Anheuser Busch and Milwaukee's Best Light from Miller Brewery Co.

### The Bad: Worst Score

- Budweiser Select 55
- From Anheuser-Busch in Missouri, US
- Type: Pale Lager
- Subtype: Light Lager
- ABV: 2.4%
- Marketed as a healthy beer due to a low calorie count
- ... has been discontinued



### The Full Picture:



## **Conclusion**

#### Answer

Does alcohol by volume (ABV) have a role in how well a beer is rated?

Evidence shows there is a correlation between a well scored beer and a higher ABV, but just because a beer has a high ABV does not instantly make it a well liked beer

#### Recommended

Start your journey with a wild ale or an IPA. Stay away from light lagers . . . "healthy" beers.

## **Dashboard**

