

# AN EXPLORATORY ANALYSIS OF BEER

IN THE UNITED  
STATES

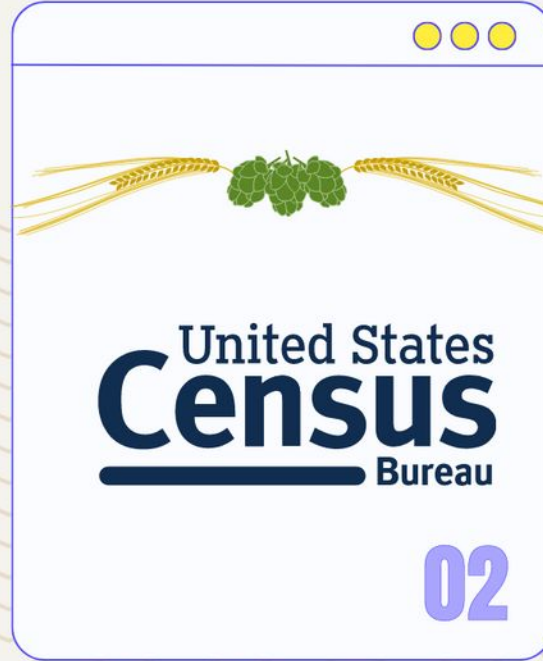
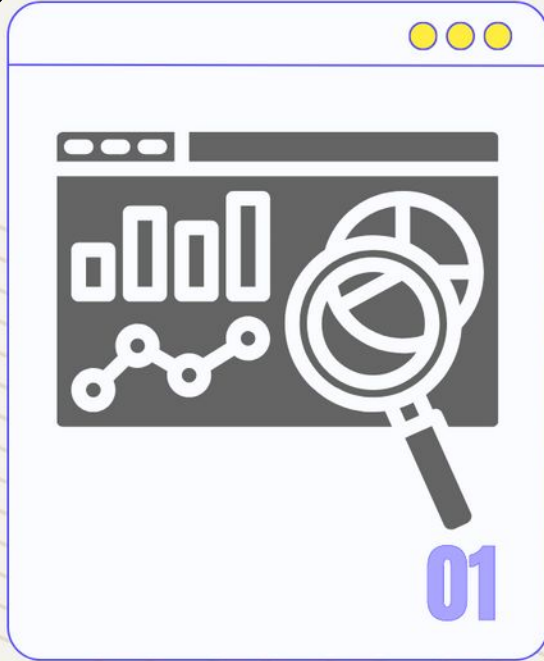


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Question to be  
answered:

# HOW MANY BREWERIES ARE IN THE UNITED STATES?

Process:



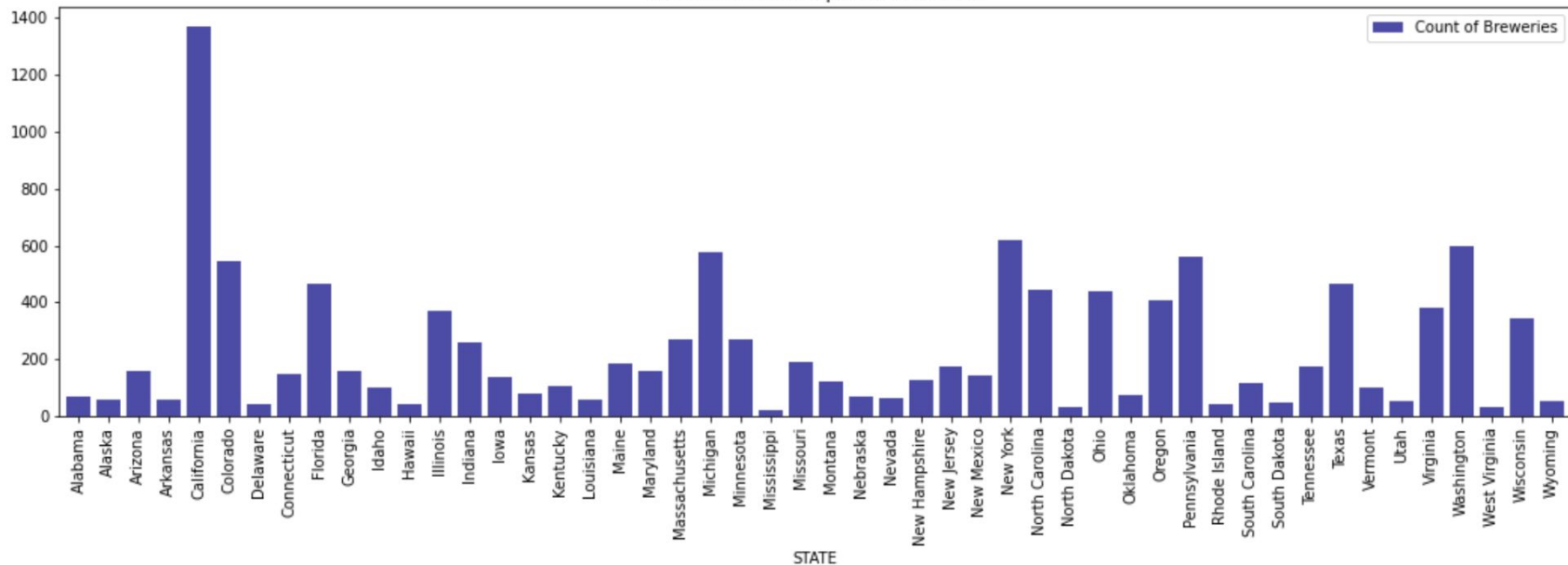


# AND THE HOPPIEST STATE IS...



11584 total US

Count of Breweries per State in 2019



**NOT SO  
HOPPY...**



**POPULATION**  
**2976149**

**BREWERIES**  
**22**

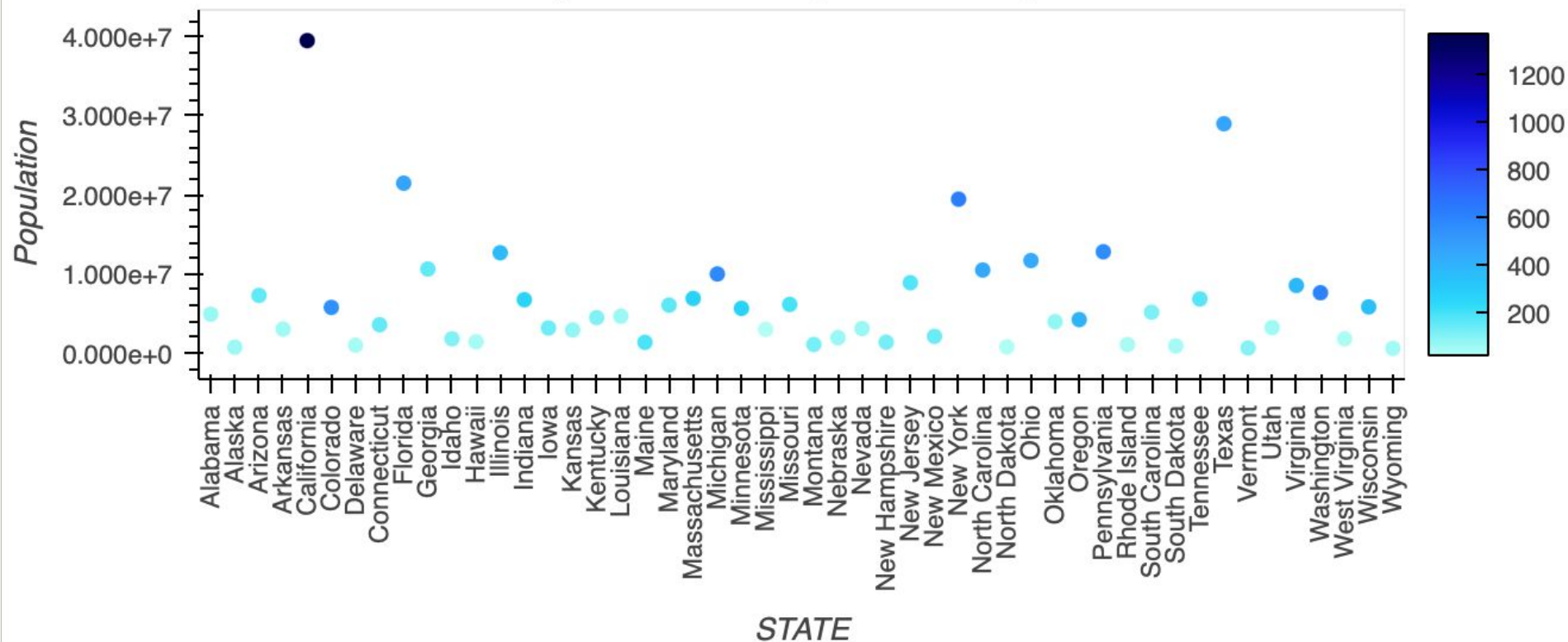




# MORE PEOPLE MORE BREWERIES?



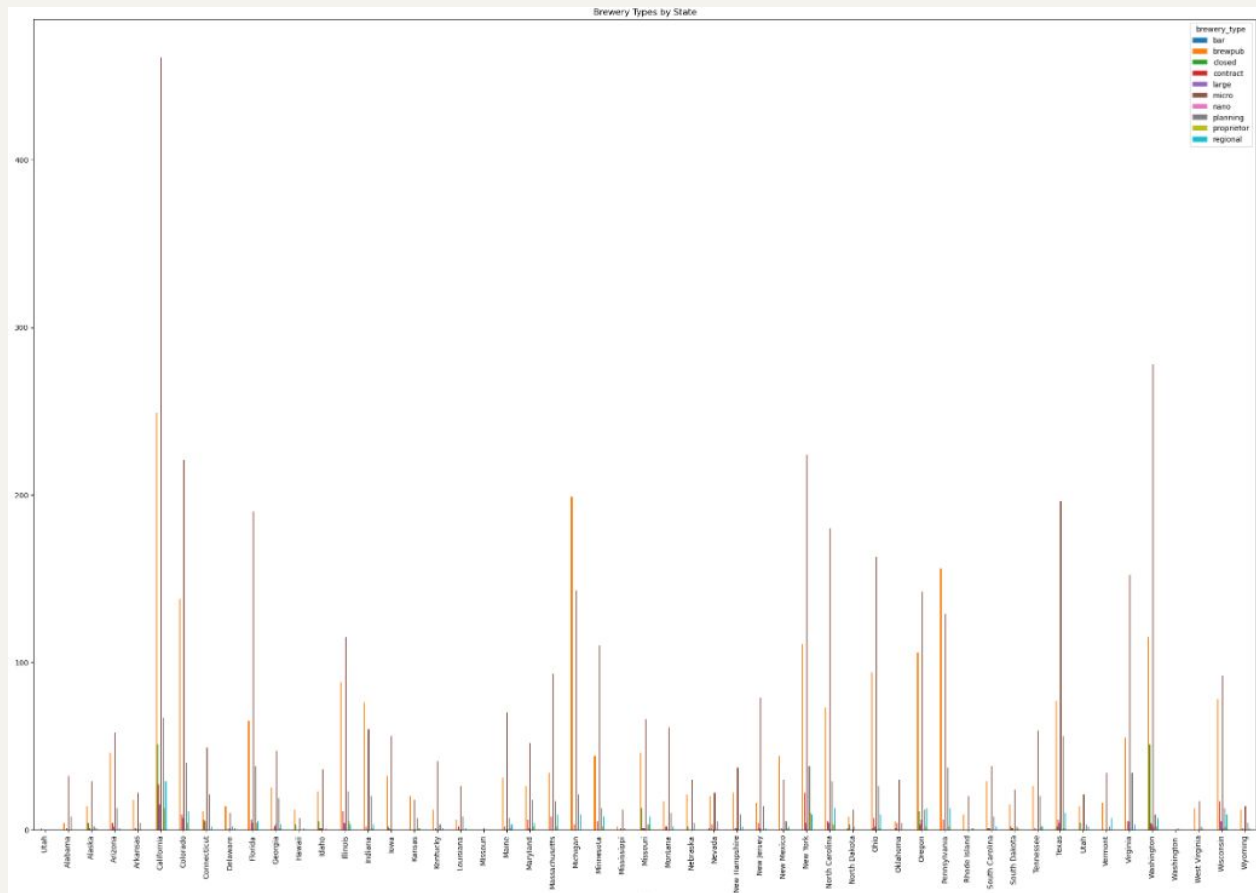
Count of Breweries per State Compared to Population Size in 2019







# HOW ARE BREWERIES CLASSIFIED?





# HOW ARE BREWERIES CLASSIFIED?

Breweries by State and Type





# ARE YOUNGER STATES HOPPIER?

Adults 26-34

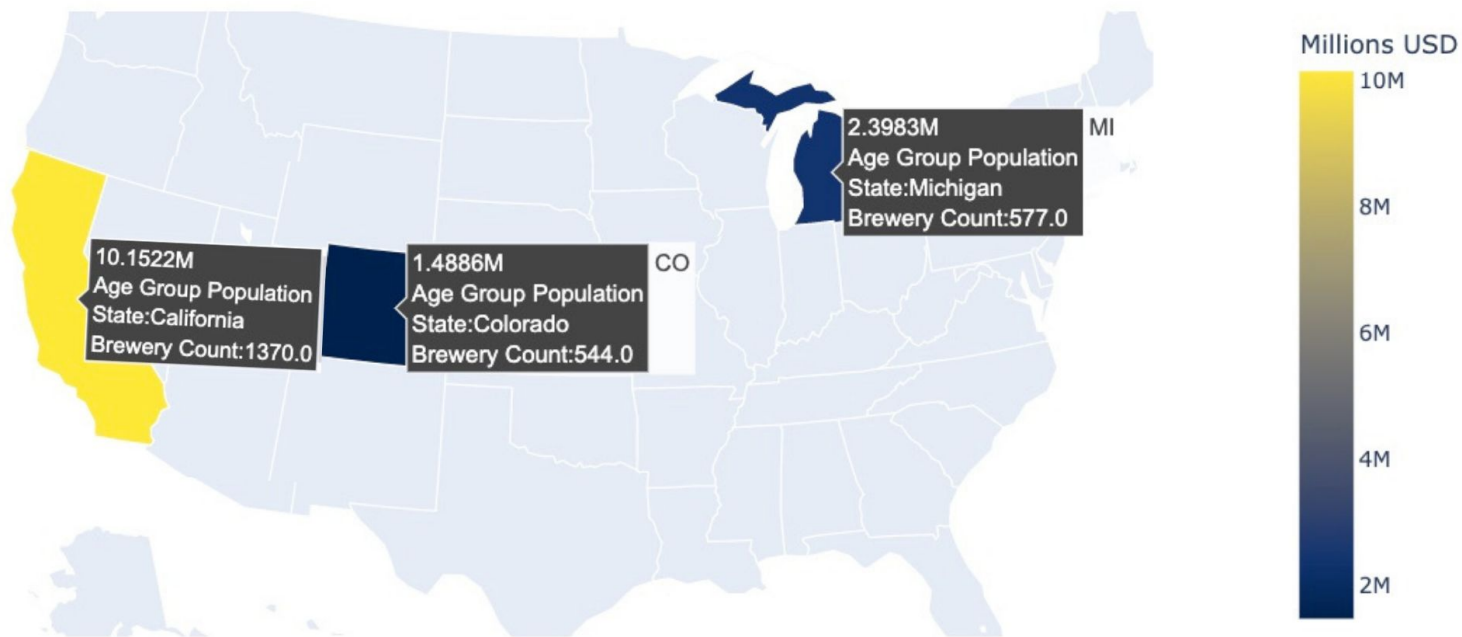






# ARE YOUNGER STATES HOPPIER?

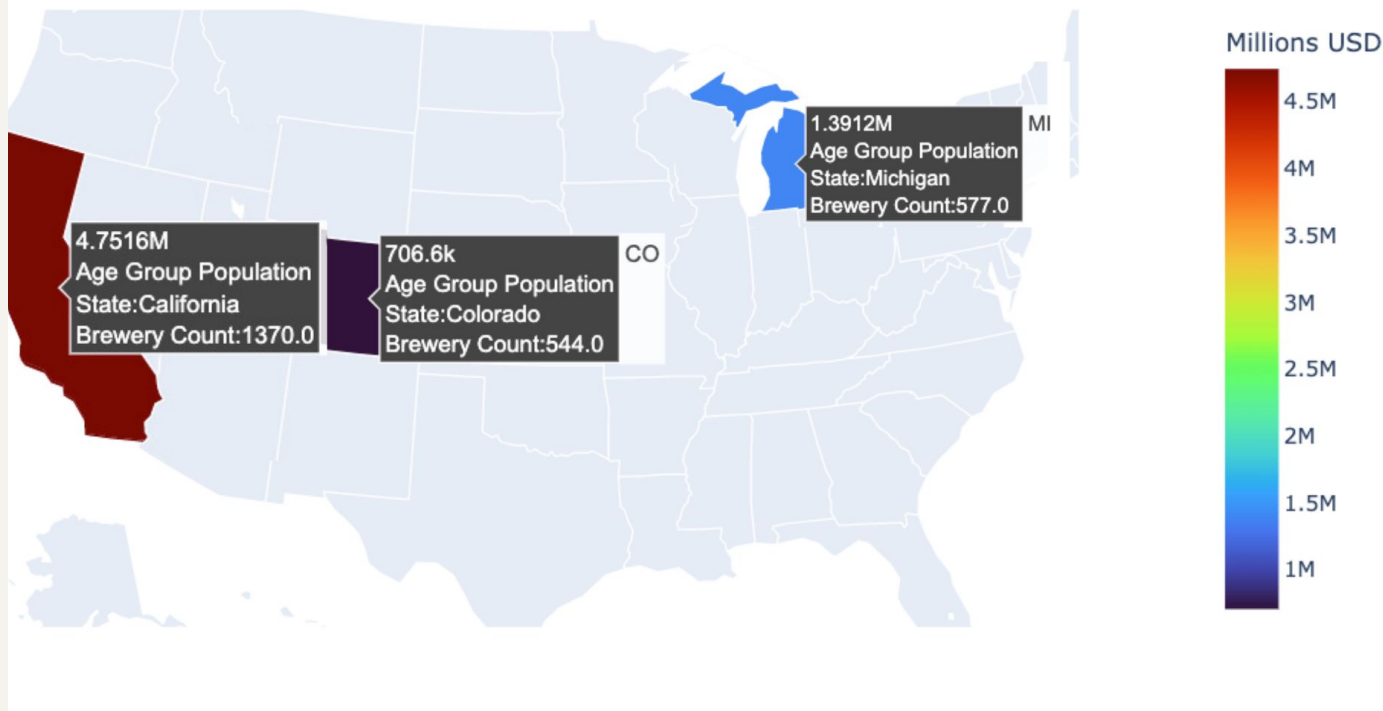
Adults 35-54



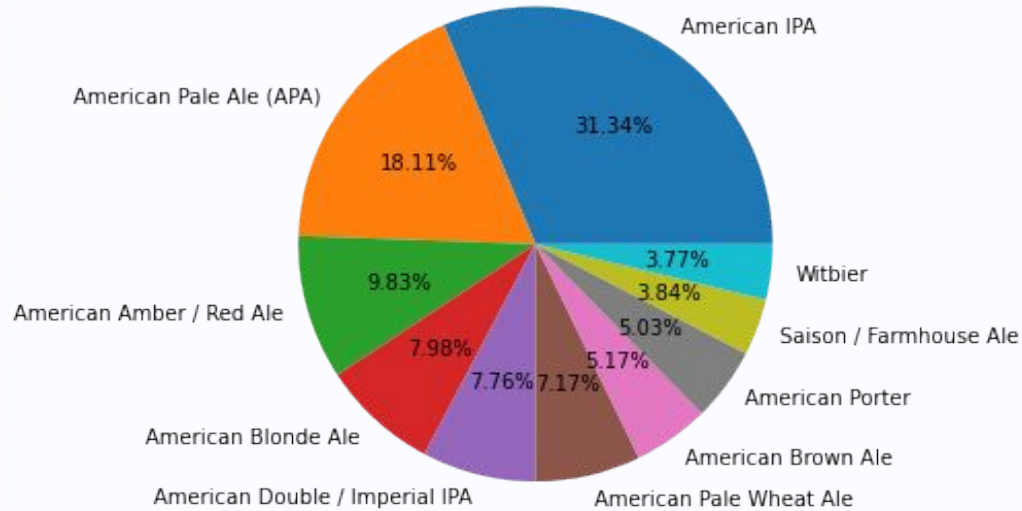


# ARE YOUNGER STATES HOPPIER?

Adults 55-64



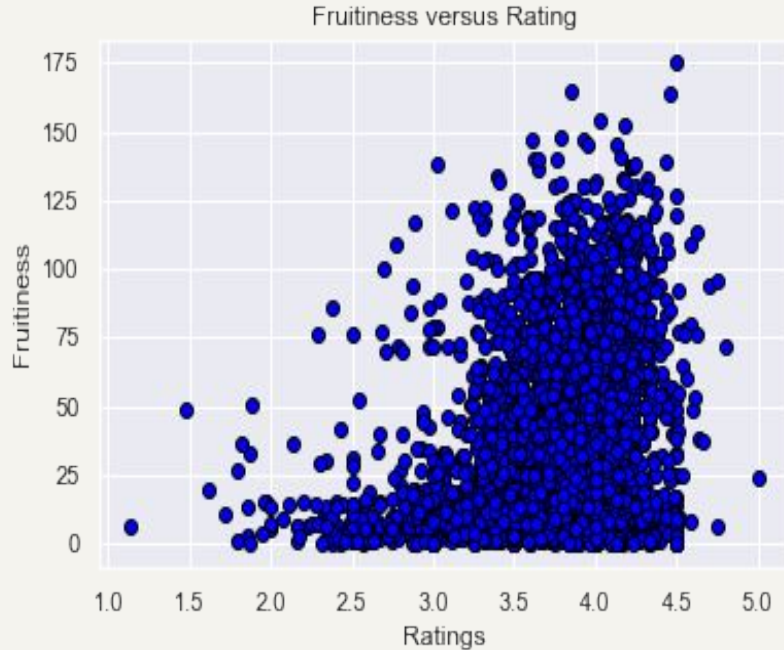
Top 10 Beers Consumed by Americans



# BREWSTYLE VARIETIES



# TASTES & PREFERENCES?



*American IPA*

*ABV Average: 6.89%*

*American Pale Ale*

*ABV Average: 5.57%*

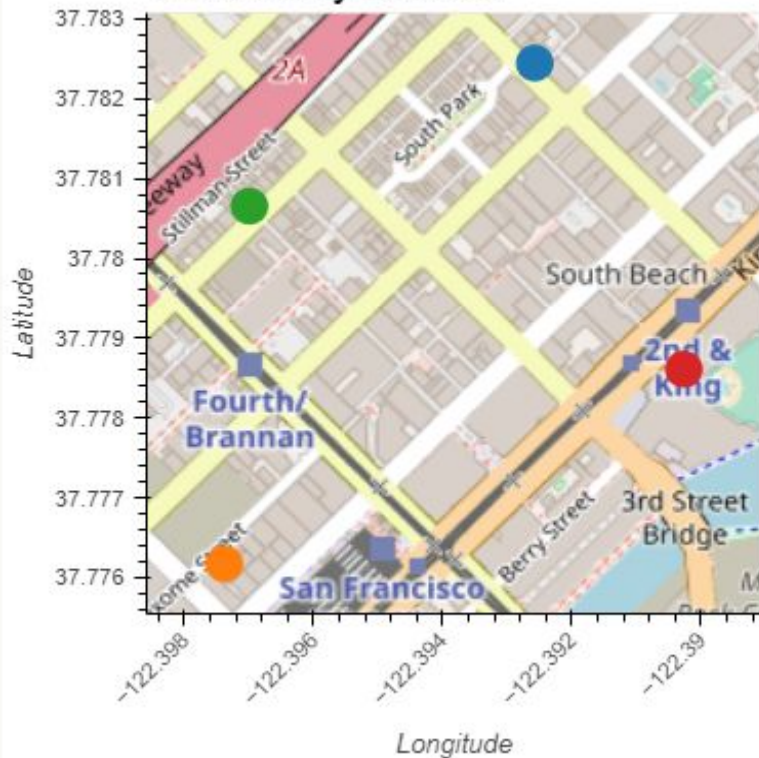
*American Amber/Red Ale*

*ABV Average: 4.77%*



# WHERE IS THE BASEBALL AFTERPARTY?

Breweries by Distance



Distance from Oracle Park

Brews on Tap

- 21st Amendment Brewery
- Local Brewing
- Black Hammer Brewing
- Oracle Park

10  
13  
16







# CONSIDERATIONS & LIMITATIONS

- NOT A LOT OF FREE DATA ON BEER SALES
- MANY OF THE DATA WE WERE ABLE TO FIND WAS OPEN SOURCE
- WE LEANED AS MUCH AS WE COULD INTO GOVERNMENT AGENCY DATA
- NOT EVERY SOURCE DEFINES OR DIFFERENTIATES BETWEEN BREWERIES/ TAPROOMS/ BREWPUB ETC.
- BROKEN API KEYS
- NON-PYTHON DOCUMENTATION



# THANK YOU!

**Do you have any  
questions?**

HAVE A HOPPY DAY!

