

# Beer Information Dashboard

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## Purpose:

This dashboard is a dataset that was obtained from Kaggle. It contains 3186 beers from 932 breweries. Each beer listed has been described and given different parameters in taste along with a rating out of 5. One must select one or multiple style of beer he/she prefers and then give a range of the ABV – Alcohol by volume he wants. The dashboard will provide a list of beers with all its information.

## Preparations Steps:

The dataset obtained from Kaggle was cleaned a little to keep the information straightforward. Then using dash and its different components on python the dashboard was created. It includes one dropdown to select the style, one range slider to give an ABV, an output histogram by style, a scatter plot plotting all the output beers with its review on x axis and ABV on y axis and the final output data table.

## Data Sources:

Dataset - [https://www.kaggle.com/datasets/ruthgn/beer-profile-and-ratings-dataset?select=beer\\_profile\\_and\\_ratings.csv](https://www.kaggle.com/datasets/ruthgn/beer-profile-and-ratings-dataset?select=beer_profile_and_ratings.csv)

Dash - <https://dash.plotly.com/>

Histogram - <https://plotly.com/python/histograms/>

Scatter plot - <https://plotly.com/python/line-and-scatter/>