Q&A

**What trends emerge when examining how breweries are distributed by address or type? Are certain cities, states, or regions more inclined to host specific brewery types?**

The brewpub stands out as the most prevalent brewery type across the U.S., totaling 1320 establishments, while the MultitapBar emerges as the least frequently found among them.

**create a simple bar graph to find which state has the highest number of breweries.**

The bar plot showcasing the distribution of breweries across various states in the US. It begins by collecting data on the number of breweries in each state and then arranges this information in descending order to highlight the states with the most significant brewery presence. California has the most whereas puertorico has the least.

## **How many breweries of each type exist in each state?**

States bordering the Midwest and West regions, including Kansas, Nevada, and Wyoming, exhibit shorter bars, signifying comparatively smaller brewery markets and lower population density. While these areas may attract tourists, the consistency and breadth of their appeal might not match more popular tourist destinations across the country.

## **What defines the attributes, like the existence of websites and city populations, within densely populated urban areas where breweries are most concentrated? Are there specific urban centers within this brewery-rich landscape that stand out as potential markets for industry expansion?**

There are about .3% of the breweries exist without a website.

## A**re there rural cities with low populations and limited breweries, yet known as tourist attractions or up-and-coming urban centers? Can we pinpoint these for potential market expansion opportunities?**

There are many cities, with low population, and low breweries, but famous for specific things. These growing cities can be looked into for brewery market expansion.

## **Does a clear connection exist between a state's population size and the density of breweries? How does this correlation vary between urban and rural settings?**

Each state, positioned based on its population size (scaled by 10,00,000) and brewery count, with different hues denoting urban and rural areas. The visualization highlights the relationship between population size and brewery distribution based on urban-rural classification.