Data Exploration through Tableau
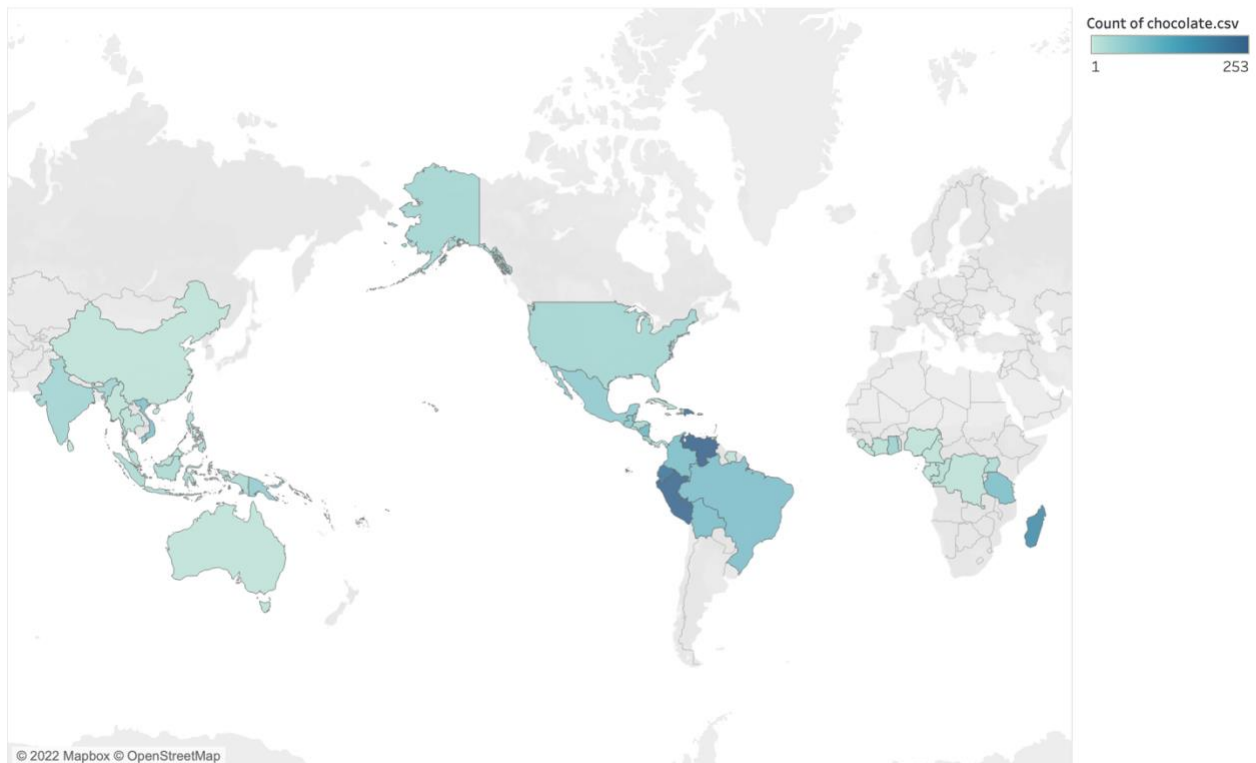
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In this data exploration, I investigate data of chocolate bar ratings found in the TidyTuesday GitHub repository database, as part of their 18th January 2022 data. (https://github.com/rfordatascience/tidytuesday/tree/master/data/2022/2022-01-18) Whilst looking through the csv file in Tableau, I have noted some findings. The first finding is that beans from Venezuela are the most used in the production of chocolate bars. The map below shows how common the beans from countries are in the production of chocolate bars.
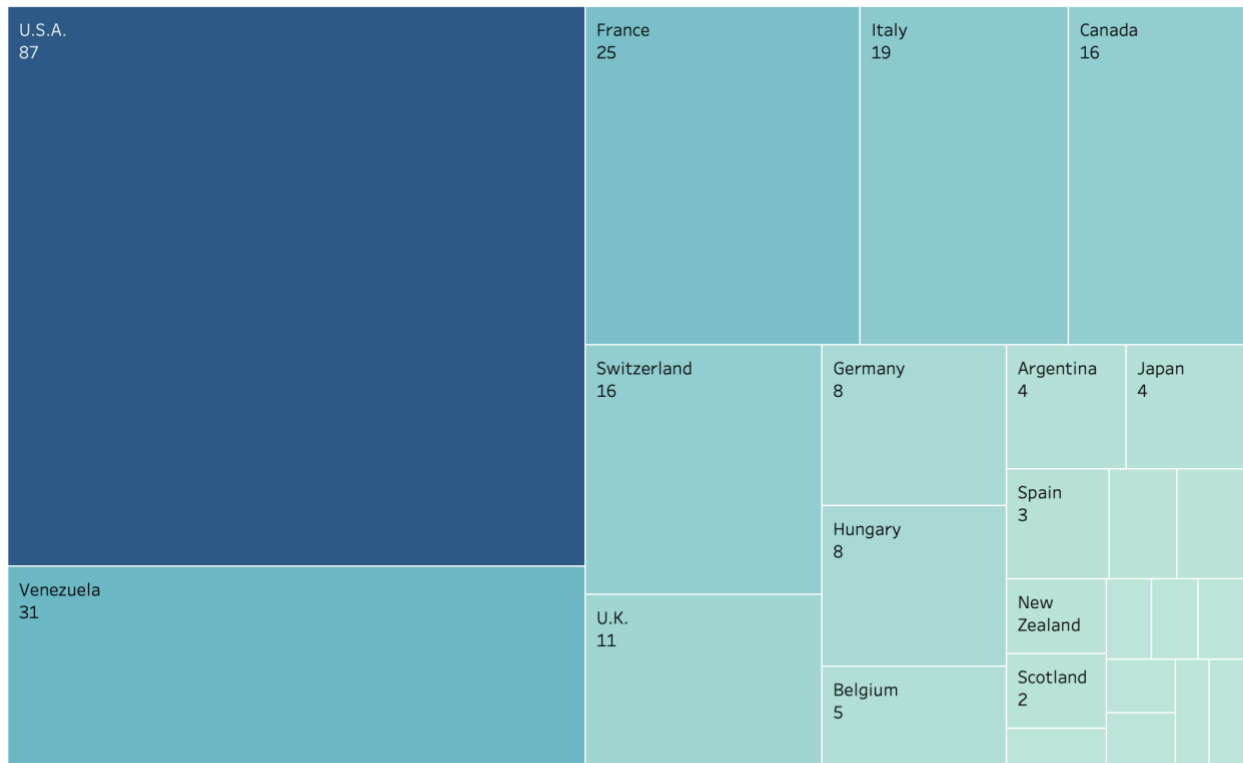
Which country's beans are most commonly used in chocolate bars.
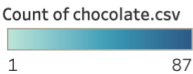

Map based on Longitude (generated) and Latitude (generated). Color shows count of chocolate.csv. Details are shown for Country Of Bean Origin. The view is filtered on Latitude (generated) and Longitude (generated). The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only.

Following this discovery, I had looked further into the use of Venezuelan beans. I had discovered the top producer of chocolate bars using these Venezuelan beans are American companies with a total of 87 different types of bars. This is more than Venezuela themselves who is second with 31 different types.

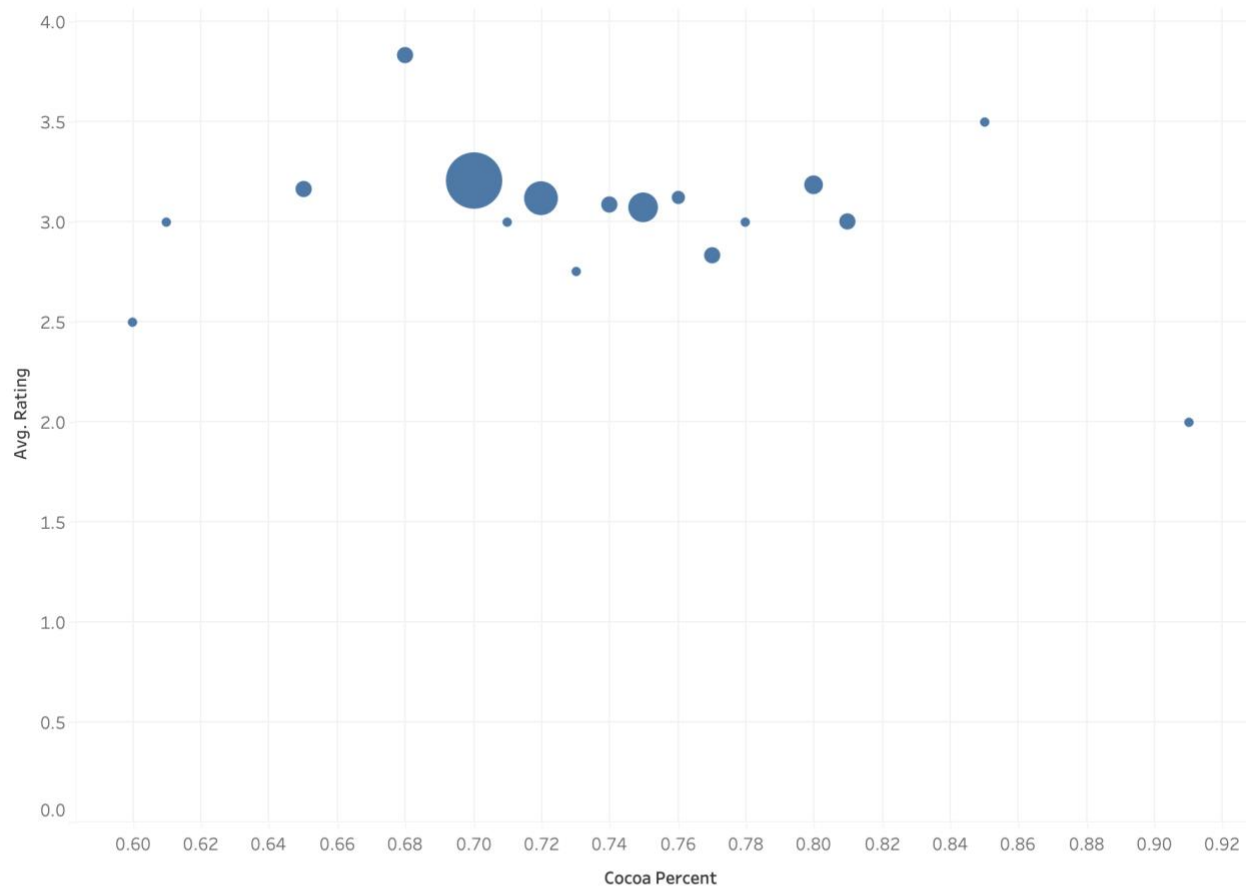Countries(using Venezuelan beans) and their chocolate bar count

Company Location and count of chocolate.csv. Color shows count of chocolate.csv. Size shows count of chocolate.csv. The marks are labeled by Company Location and count of chocolate.csv. The data is filtered on Country Of Bean Origin, which keeps Venezuela. The view is filtered on count of chocolate.csv, which ranges from 1 to 87.

Count of chocolate.csv

1   87

Again looking further into the largest number of the previous finding, which is that American companies use the most Venezuelan beans, I compared the average ratings of the chocolate bars with its cacao percentage. The most common percentage amongst these bars are 70%, 36 out of 87 bars. However, they is not the highest rated amongst the different percentages. The percentage with the highest average rating is 68%.

Average rating against Cocoa Percent

The plot of average of Rating for Cocoa Percent. Size shows count of chocolate.csv. The data is filtered on Country Of Bean Origin and Company Location. The Country Of Bean Origin filter keeps Venezuela. The Company Location filter keeps 43 of 67 members.

Count of chocolate.csv
- 1
- 10
- 20
- 30
- 36