

Appendix

1. Packages to Install into anaconda prompt before running libraries

- **Xgboost:** conda install -c anaconda py-xgboost
- **Imbalanced-learn:** conda install -c glemaitre imbalanced-learn
- **Folium:** conda install -c conda-forge folium
- **Json:** conda install -c jmcsmurray json
- **World-countries.json :** need to download this java script file to plot the world map

2. Exploratory Data Analysis (Visualisations)

Figure 2.1

Bar Chart of Companies Highest Chocolate Vendors

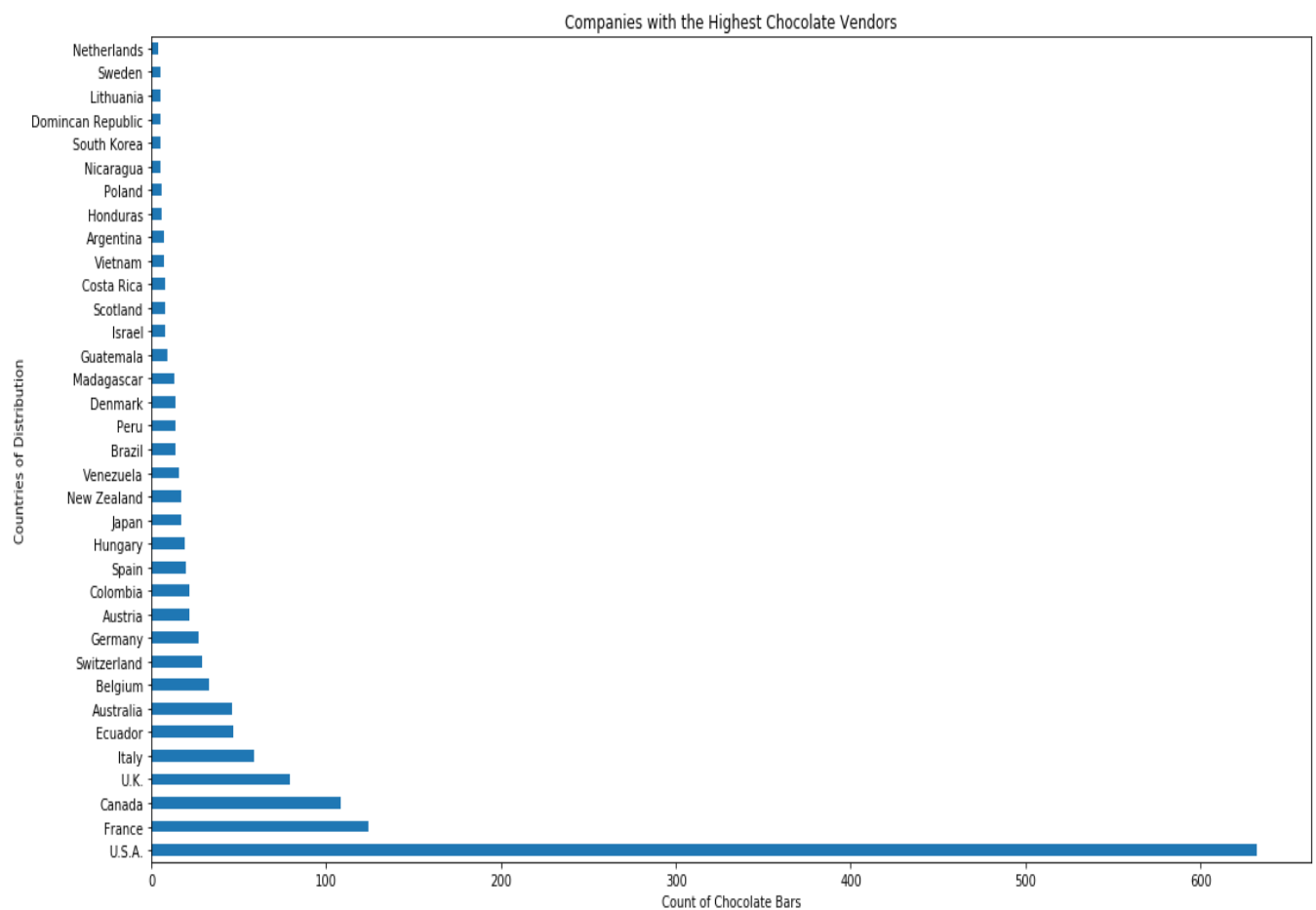
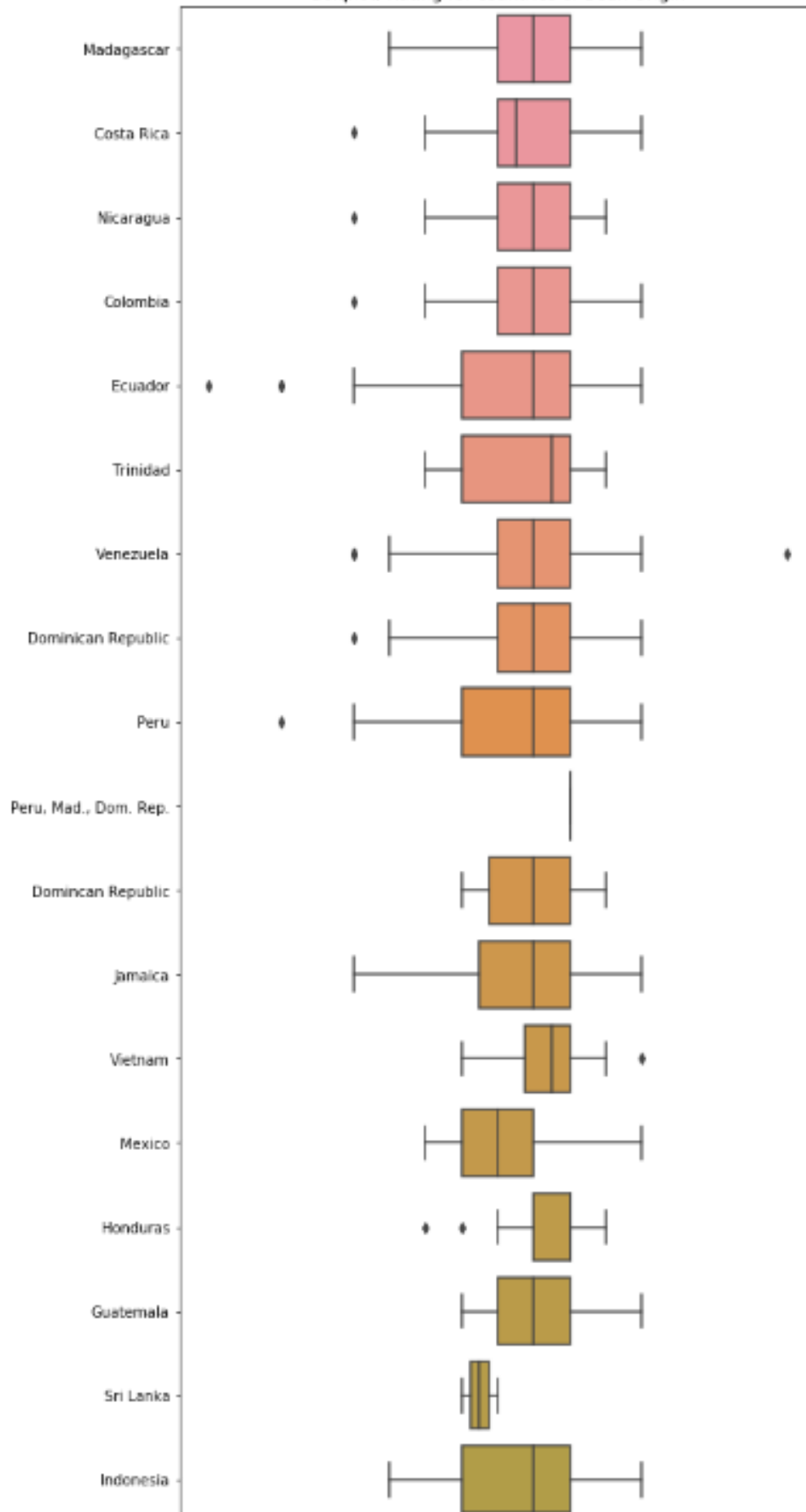
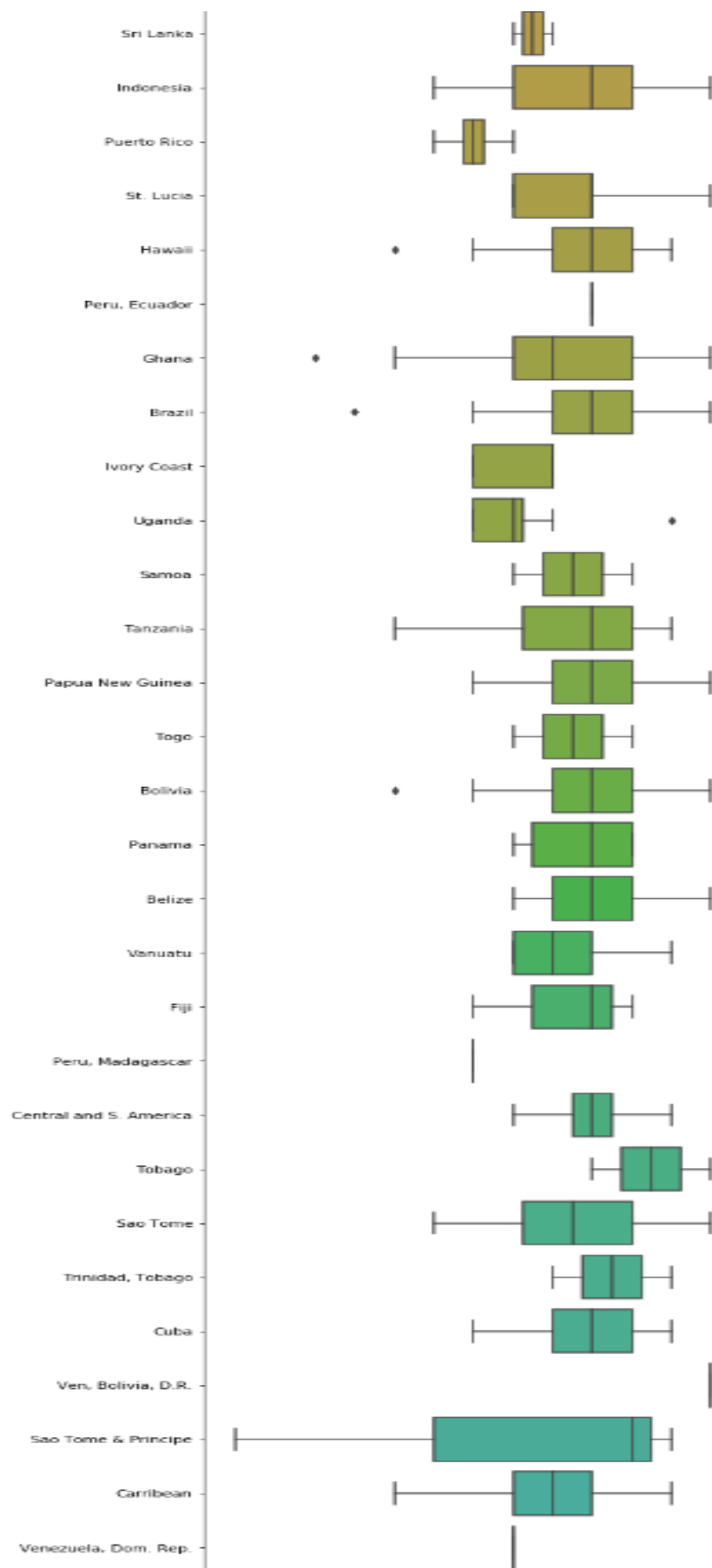


Figure 2.2

Boxplot, Rating of countries to Bean Origin

Boxplot, Rating for countries of Bean Origin





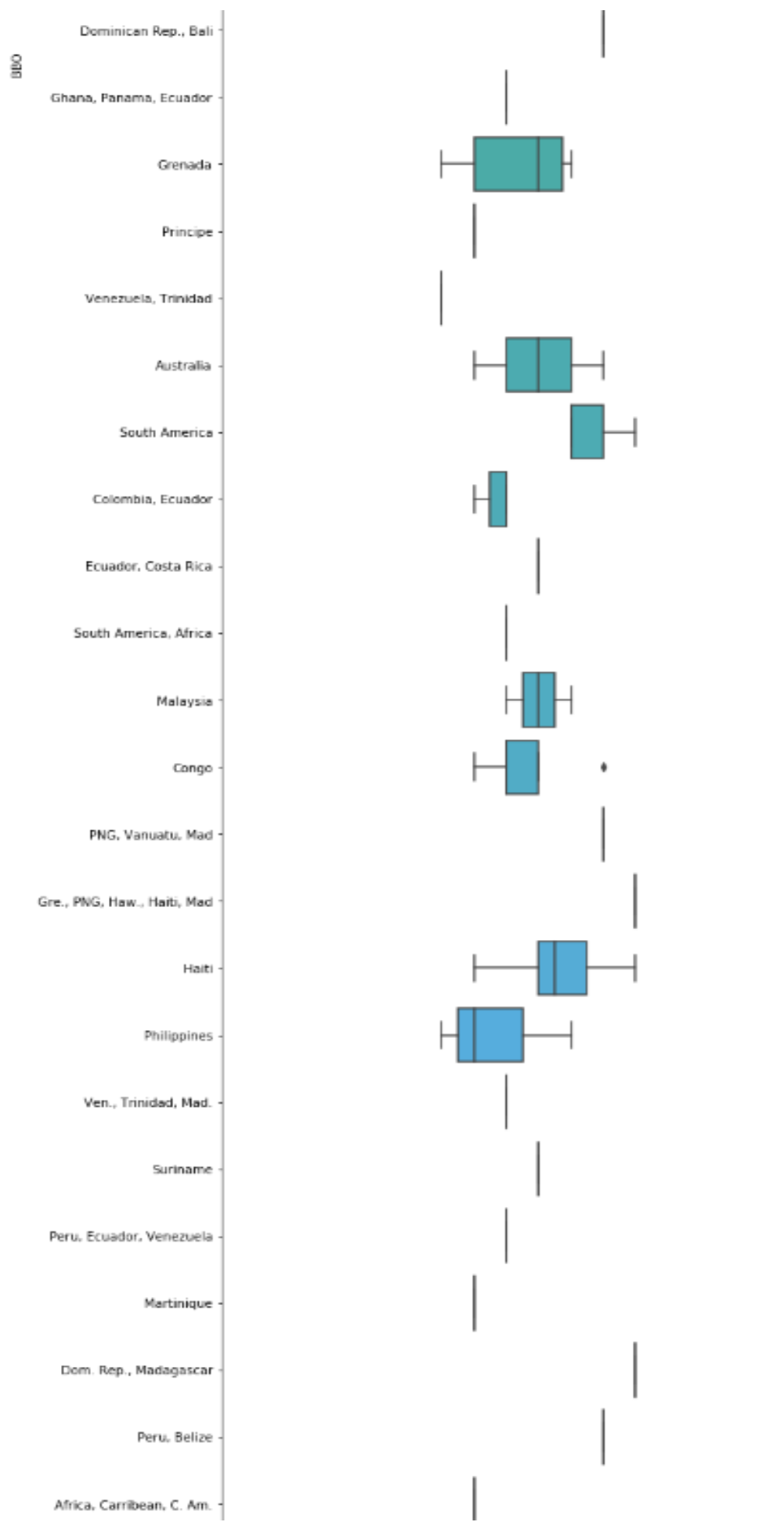




Figure 2.3

Count of Chocolate Bar Ratings

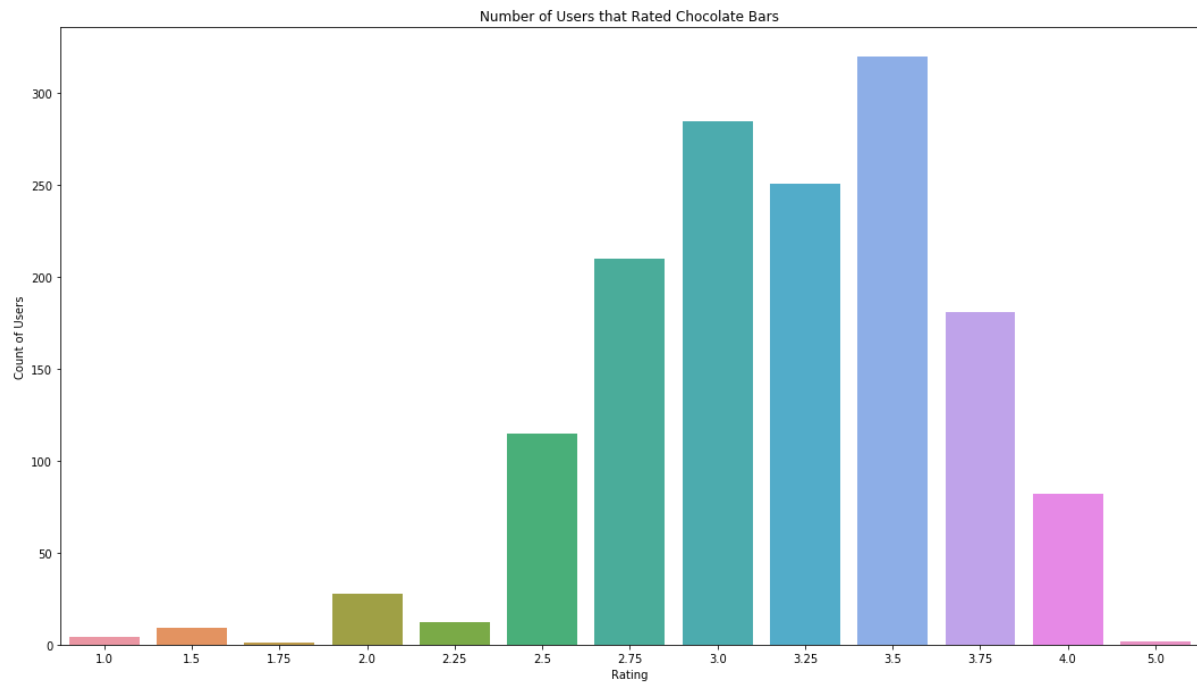


Figure 2.4

Density of Cocoa_Percent present in chocolate bars

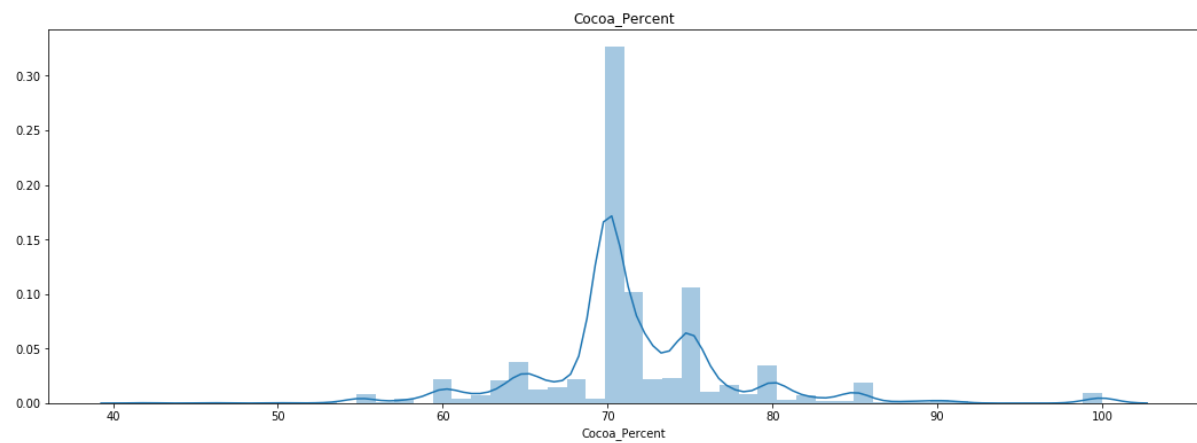


Figure 2.5

Boxplot to display ratings for Cocoa_Percent present in chocolate bars

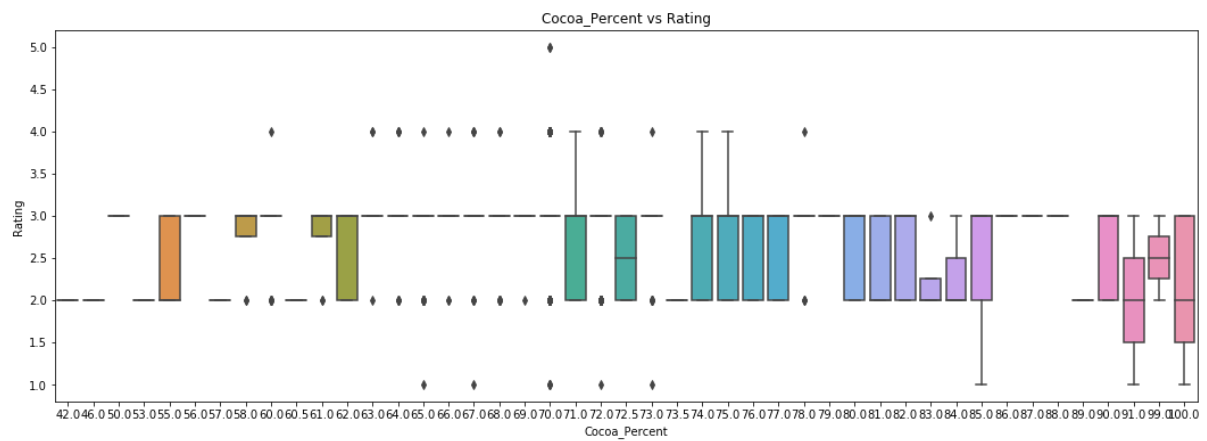


Figure 2.6

Heat map to display Broad Bean origin to company_location

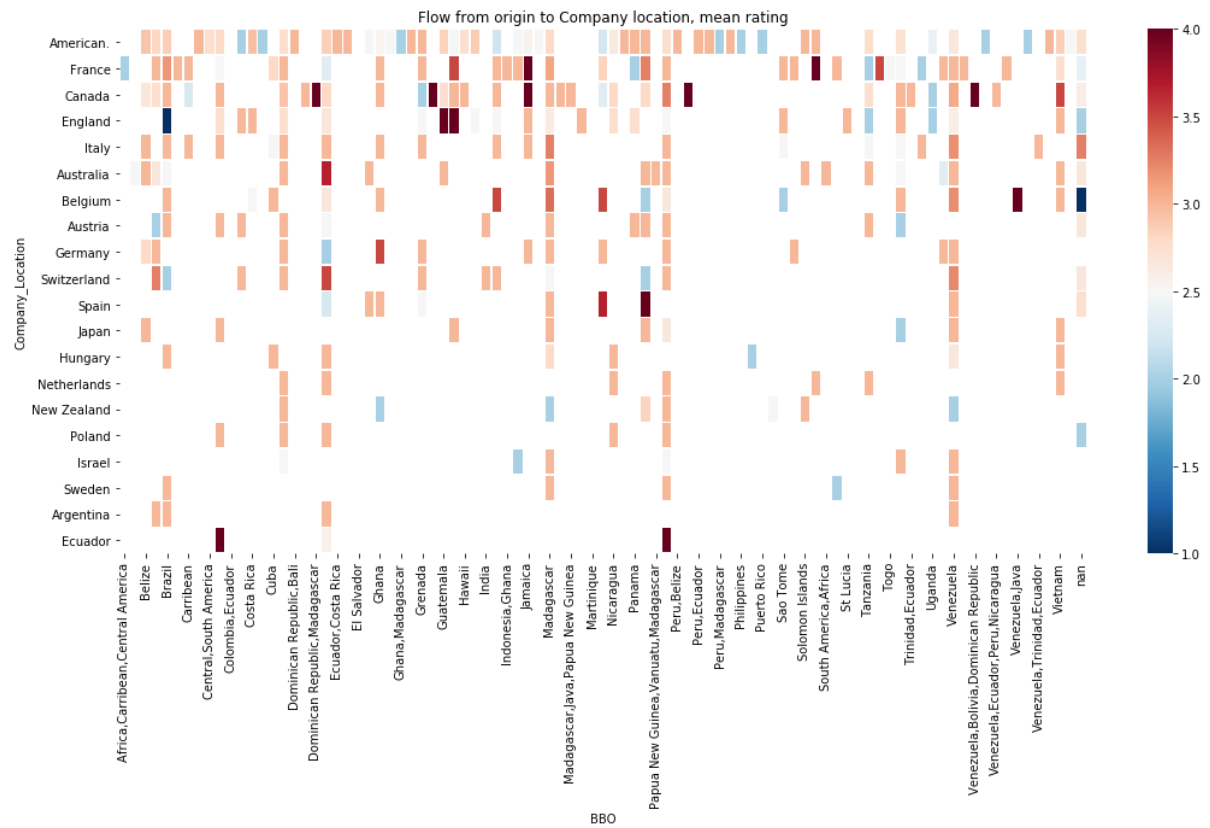


Figure 2.7

Folium map to display countries with best Beans in terms of ratings

