




# Creating Data Analytics Dashboard

Chocolate bar ratings Dataset

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# Business Case

**Source of Data:** The data is available on one of open source platform – kaggle.com and

downloaded from following link:

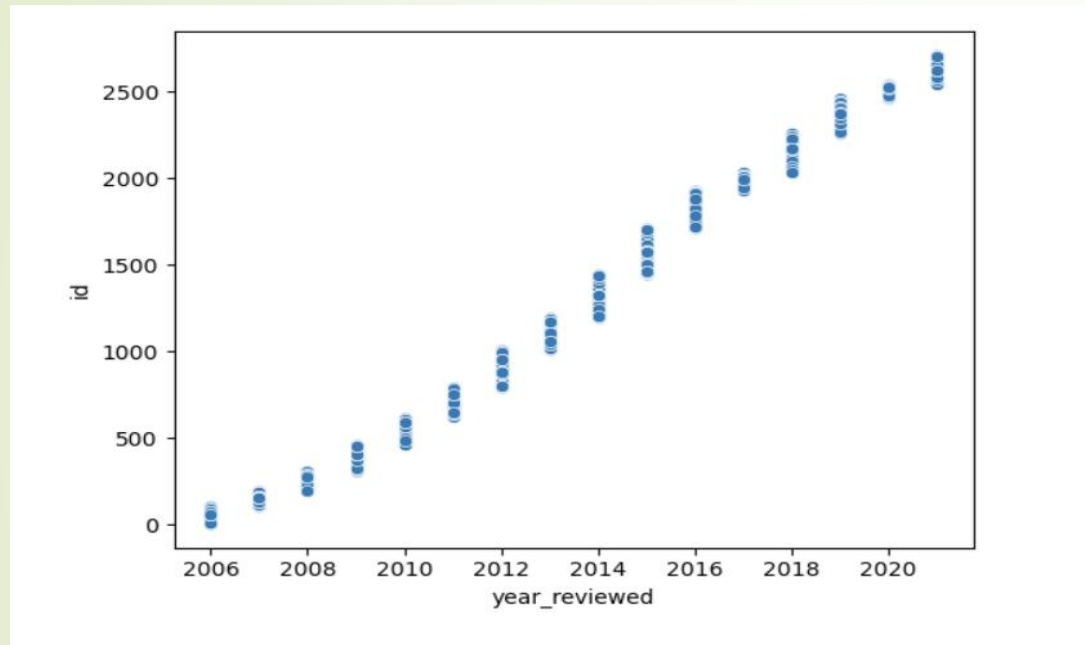
<https://www.kaggle.com/datasets/evangower/chocolate-bar-ratings>

**Data Content:** Its focused on plain dark chocolate with an aim of appreciating the flavors of the cacao when made into chocolate. The ratings do not reflect health benefits, social missions, or organic status.

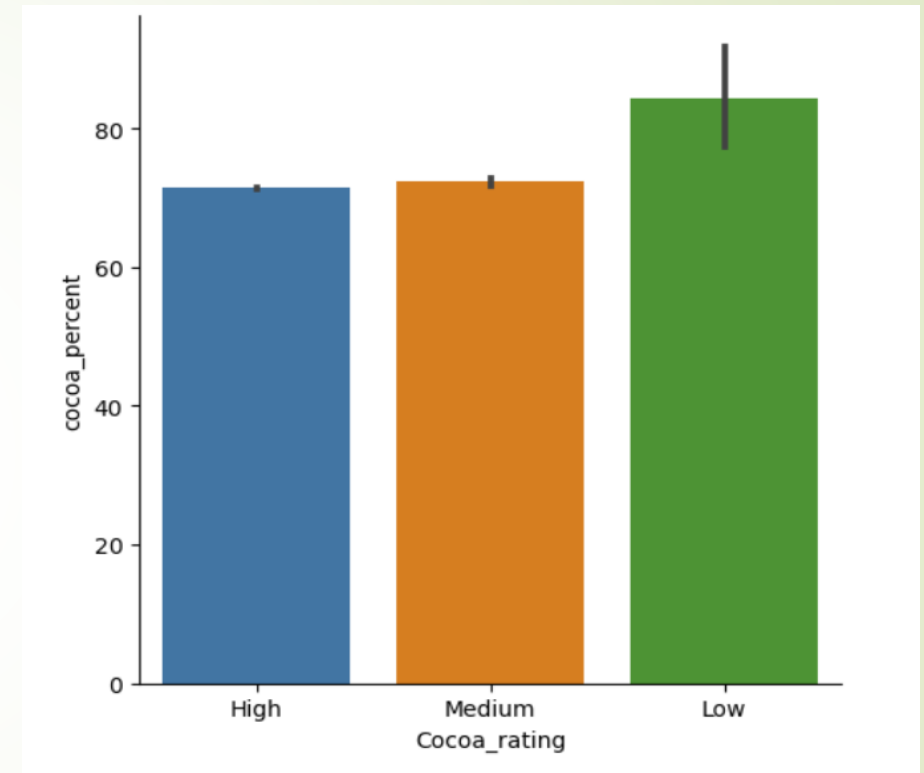
**Data Profile:**

- This database contains over 2,500 chocolate bar ratings from around the globe!
- There are missing values(no changes made)
- No duplicates found

# Analysis and Visualization

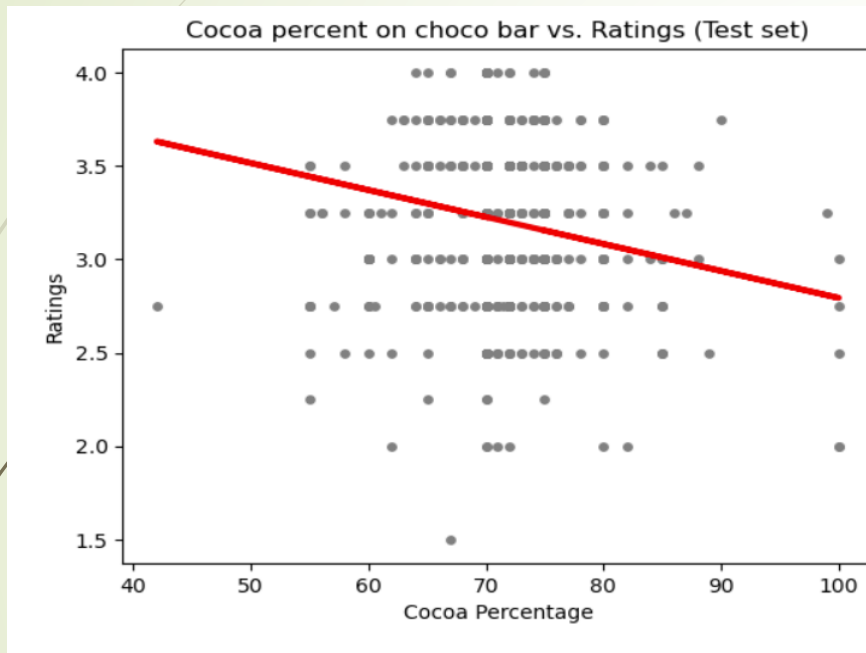


The initial Analysis to find the trend of chocolate bars and the graph shows an upward trend that says more chocolates are manufactured.

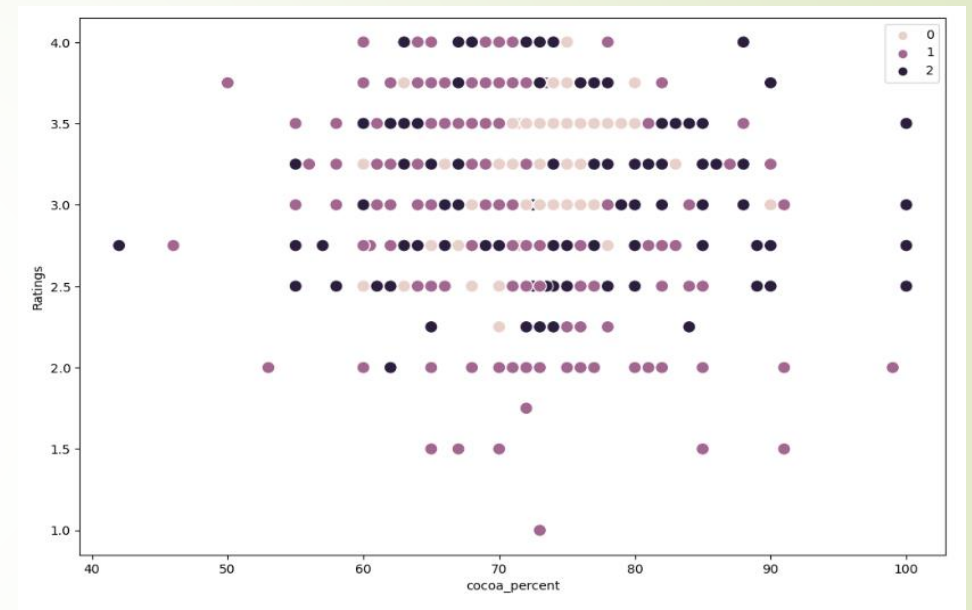


More Analysis to find the cocoa percent used to make the Chocolate bars.

# Analysis and Visualization

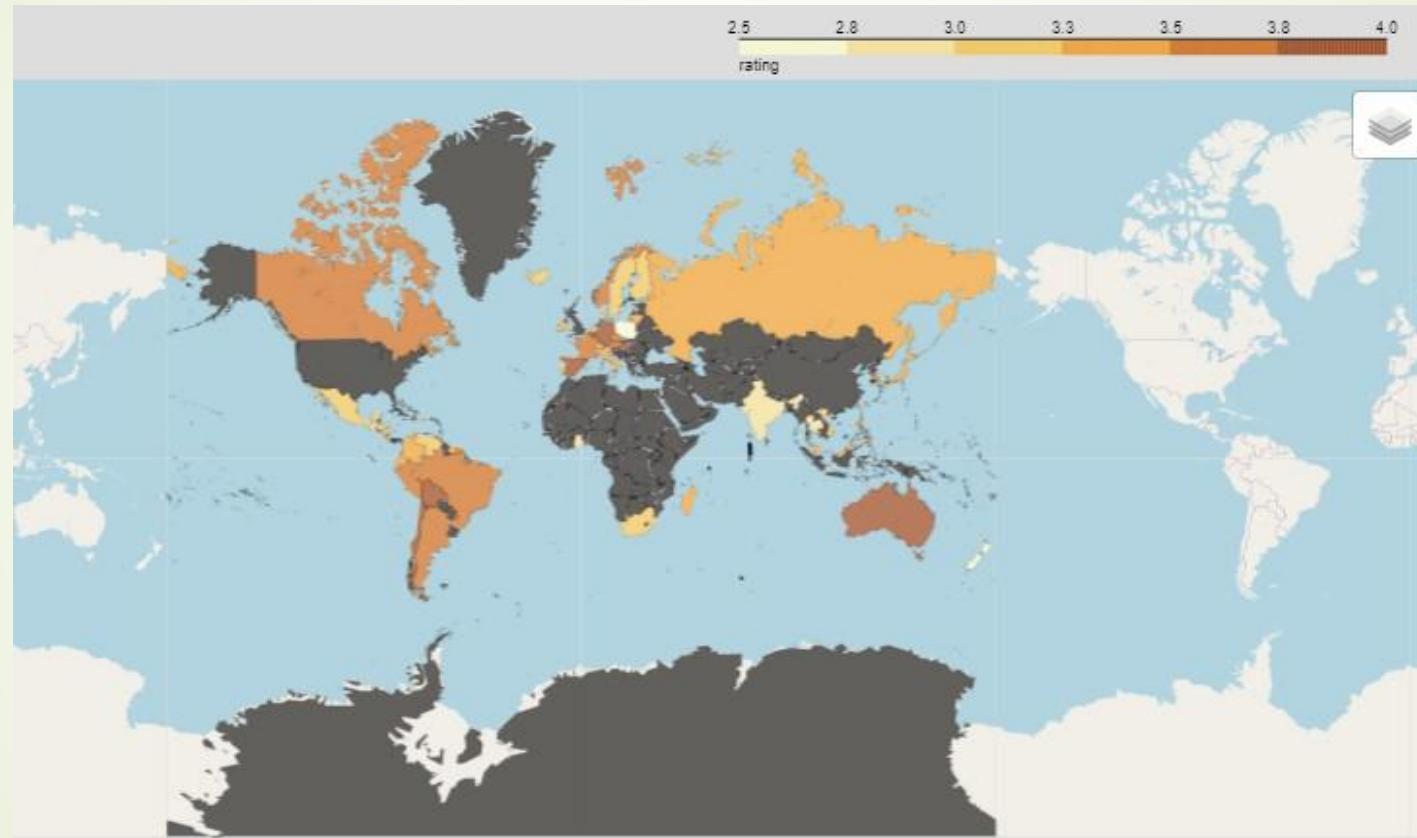


Linear Regression analysis, represented by red regression line that does not perfectly cover all of the data points



In the Cluster analysis, the points are overlapping and spreaded all over

# Analysis and Visualization



The world map showing the countries with the ratings. The darker colored countries have higher ratings.





# Recommendation and Challenges

## Recommendations:

- When it is focused for plain dark chocolate to focus the flavour of cocoa, it is important to analyse the cocoa percentage present in each chocolate id.
- Since it doesnot show much difference to ratings and number of ingredients added, there can be a introduction to particular flavour to check on which country will like high percent of cocoa presented chocolates.
- The more cocoa percent has shown low ratings which have to be concentrated and manufactured accordingly. Parallelly can add up different flavours to it.

## Challenges:

- Choosing an unknown data and trying to understand to have business questions, analysing and then to answer the questions and proving recommendations.



# Thank You

Tableau Link:

[https://public.tableau.com/app/profile/kripa.krishnan.thekke.veettil/viz/Achievement6\\_Task6\\_7/Story1#1](https://public.tableau.com/app/profile/kripa.krishnan.thekke.veettil/viz/Achievement6_Task6_7/Story1#1)