

UNDERSTANDING THE DATASET

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Context

Shopping online is currently the need of the hour. Because of this COVID, it's not easy to walk in a store randomly and buy anything you want. In this I am trying to understand a few things like

Customers Analysis

- Profile the customers based on their frequency of purchase - calculate frequency of purchase for each customer
- Do the high frequent customers are contributing more revenue
- Are they also profitable - what is the profit margin across the buckets Which customer segment is most profitable in each year.
- How the customers are distributed across the countries.

Product Analysis

- Which country has top sales?
- Which are the top 5 profit-making product types on a yearly basis
- How is the product price varying with sales - Is there any increase in sales with the decrease in price at a day level
- What is the average delivery time across the countries – bar plot I will keep updating the analysis.

Content

Once you download the file the rows you see are the details of the order done online by people across the globe in the time frame 1-jan-2011 to 31-dec-2014. There are no missing values in the majority of columns except postal code, you can drop it if not required.