

Dear Client,

First of all we would like to thank you for giving these datasets. During preprocessing of these datasets we got these views.

Dataset	No.of records	Unique Id's	Submission Date
<i>Customer Address</i>	3999	3999	28/07/2023
<i>Customer Demographic</i>	4000	4000	28/07/2023
<i>Transactions</i>	20000	3494	28/07/2023

Modifications done on datasets:

1. As **Costumer Address** dataset is clean with no null values , so I have counted the number of unique costumer ID's.
- 2.As there is a inconsistent *default* column in **Customer Demographic** dataset,for further processes it may cause incorrect analysis.So we have to drop such columns. Dropping these column cause data loss for further analysis.
- 3.In **Customer Demographic** we can also observe that columns like *DOB,job_title,job_industry_category,tenure* contain null values.Handling null values by replacing them with mean,mode etc... to reduce data loss.
- 4.**Transactions** data contains many null values like in *online_order, product_line, product_class, product_size, standard_cost* and *product_first_sold_date*.Dropping these column cause data loss for further analysis.

I am looking to move forward to continue data cleaning,standardisation,transforming data required for model selection.

Thanks and regards,
Sheshu Akula