

Excel Data Analytics Projects Documentation

Vrinda Store Dataset - <https://bit.ly/3X381ok>

Problem Statements

1. How do the days of the week affect orders and sales?
2. How do the months affect orders and sales?
3. How is the number of orders and sales related to the gender of customers?
4. What is the status of orders?
5. Which states and cities produce the most sales?
6. Which demographic customers generate the most sales?
7. Which channel generates the most sales?

Data Cleaning performed in “Vrinda Store Data” sheet includes:

1. Removed Index column.
2. Removed 2567 duplicate values from Order Id column.
3. Replaced “M” with “Men” and “W” with “Women” in Gender column.
4. Created Age Group column and used
“=IFS(\$D2<=20,"10-20",\$D2<=30,"20-30",\$D2<=40,"30-40",\$D2<=50,"40-50",\$D2<=60,"50-60",\$D2<=70,"60-70",\$D2<=80,"70-80")” to make group of ages.
5. Created Day column with “=TEXT(\$F2,"dddd”)” and Month column with
“=TEXT(\$F2,"mmmm”)”
6. Replaced “One” with “1” and “Two” with “2” in Quantity column.
7. Cleaned Ship City_clean column with “=PROPER(\$Q2)” to reduce redundancy.

Key Functions, Formulas, and Visualizations used in this project are:

1. Removing Duplicates, Find and Replace, Pivot Tables
2. IF, IFS, TEXT, PROPER
3. Clustered Column Chart, Clustered Bar Chart, Pie Chart, Doughnut Chart, Slicers.