

DESCRIPTION

Use Excel to analyze the sales based on various product categories.

Description:

The dataset in file **E-Commerce Dashboard dataset.xlsx** contains sales data for different product categories. The following are the features in the dataset:

Order ID	Unique Order ID of a product
Order Date	Order Placement Date
Ship Date	Shipment Date of the placed order
Aging	Used to Create Histogram Bin
Ship Mode	Shipment mode of placed order
Product Category	Product Category
Product	Name of the Product
Sales	Sales Amount
Quantity	The amount or number of a material
Discount	A deduction from the usual cost of something
Profit	A financial advantage or benefit
Shipping Cost	The amount required to ship the placed order
Order Priority	Precedence of placed order
Customer ID	Unique Customer ID
Customer Name	Name of the Customer
City	Unique City Name
State	Unique State Name
Country	Unique Country Name
Region	Especially the part of a country
Months	The month of placing the order

Expected Deliverables: Design a sales dashboard that analyzes the sales based on various product categories. The company wants to add user control for product category so that users can select a category and can see the trend month-wise and product-wise accordingly.

The following project tasks are required to be performed in Excel:

- Use the saved Sample E-Commerce database
- Prepare a table of Sales and Profit month-wise in a working sheet

Formulae used for Sales:

=SUMIFS('SalesData'!\$H:\$H,'SalesData'!\$U:\$U,Working1!A4,'SalesData'!\$F:\$F,Working1!\$N\$3)

Formulae used for Profit:

=SUMIFS('Sales Data'!K:K,'Sales Data'!U:U,Working1!A4,'Sales Data'!F:F,Working1!\$N\$3)

Months	Sales	Profit
Jan	87526	38447
Feb	85683	38753
Mar	95249	41165
Apr	95962	42366
May	91445	40872
Jun	96597	42010
Jul	91690	40959
Aug	88153	38238
Sep	89216	39656
Oct	97347	43305
Nov	88575	39016
Dec	89696	39490

- Prepare the sales table region-wise in the working sheet

Formulae used for regional sales:

=SUMIFS('Sales Data'!H:H,'Sales Data'!T:T,Working1!E4,'Sales Data'!F:F,Working1!\$N\$3)

Region	Sales
Africa	102156
Canada	10382
Caribbean	32493
Central	227929
Central Asia	35956
East	72321
EMEA	102947
North	100025
North Asia	56978
Oceania	66631
South	139614
Southeast Asia	74598
West	75109

- Create User Control Combo box for Product Category
- Create a Column Chart of the month-wise table and region-wise table
- Link the table with a combo box
- Create a dashboard



