**OBJECTIVE**

* To analyze the sales based on various product categories.
* To enable the users to be able to pick a product category and see trends month-by-month and product-by-product.

**PREREQUISITES**

* Creating chart and graphs in excel.
* Analyzing data in excel.
* Formatting data in excel.

**INDUSTRY RELEVANCE**

* **Creating chats and graphs in excel:** It is used to help express complex data in a simple format.
* **Analyzing data in excel:** It helps gains insight into the data through high-level visual summaries, trends, and patterns.
* **Formatting data in excel:** It helps to make data look more interesting and descriptive.

***DATASET DESCRIPTION***

|  |  |
| --- | --- |
| **Variable** | **Description** |
| * Order ID | Unique order ID of a Product Gender |
| * Order Date | Order placement date |
| * Ship Date | Shipment date of the order placed |
| * 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 place 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 |

***TASK TO PERFORM***

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

***PROJECT OUTCOME***

* The aim of the project is to analyze the sales based on various product categories.
* The user should be able to pick a product category and can see the trends month-by-month and product-by-product.