# PROJECT-3

POWER BI

02/07/2024

# FINLATICS

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# Problem statement

**Solve the case study of 'Product Sales'. Data is provided to you in an excel format.**

## Instruction set

**All the following questions require you to create visual.**

1. Load the excel data onto Power BI.

2. Transform the data to remove any blank items or errors from columns & close & apply.

3. Create a Tree Map Visual containing the data of country & sales and mark the Top 3 countries (using the Top N filters) having the highest sales using the colours Blue, Red, and Green.

4. Customise this visual to make it better using the 'Format your Visual' option.

5. Create another visual - a Gauge visual with the average standard cost and give it the colour Blue.

6. Customise & format the visual to make it better.

7. Create a 'funnel' visual using the data of Product category & Sales.

8. Change the colour of the highest selling product to Red.

9. You can customise the visual to make it better.

10. Create a line graph between order quantity and total discount amount. See if there's any correlation between the two quantities.

11. Customise and format all the charts into a dashboard with a common colour theme and font.

## Solution:

The data set was done pre-processing. i.e, removing empty and null spaces and duplicates as well

Untitled - Power BI Desktop

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File   Home   Insert   Modeling   View   Optimize   Help   Format   Data / Drill

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Paste
- ✂ Cut
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- 🖌 Format painter

Clipboard

Get data ▾ | Excel workbook | OneLake data hub ▾ | SQL Server | Enter data | Dataverse | Recent sources ▾

Data

Transform data ▾ | Refresh

Queries

New visual | Text box | More visuals ▾

Insert

New measure ▾ | Quick measure

Calculations

Sensitivity ▾

Sensitivity

Publish

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## Filters

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Filters on this visual   ···

**Country**
top 3 by Sum of Sales

Filter type ⓘ

Top N ▾

Show items

Top ▾ | 3

By value

Sum of Sales ▾ ✕

Apply filter

Sum of Sales
is (All)

Add data fields here

Filters on this page   ···

## Visualizations

**Build visual**

[visual type icons grid]

Category

Country ▾ ✕

Details

Add data fields here

Values

Sum of Sales ▾ ✕

Tooltips

Add data fields here

## Data

🔍 Search

∨ 🔠 Sheet1
- ☐ City
- ☑ Country
- ☐ Customer
- ☐ Σ Discount
- ☐ Employee
- ☐ Σ ListPrice
- ☐ Σ NetSales
- ☐ Σ OrderCount
- ⟩ ☐ ▦ OrderDate
- ☐ Σ OrderQuantity
- ☐ product
- ☐ productcategory
- ☐ productsubcat...
- ☑ Σ Sales
- ☐ Σ SaleswithStand...
- ☐ saleterritory
- ☐ Sate
- ☐ Σ StandardCost
- ☐ Σ UnitPrice

### Top 3 Sales by Country

| United States | Canada |
| 53.61M | 14.38M |
| | France |
| | 4.61M |

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— ● ─────── + 53%

Update available (click to download)

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Clipboard          Data          Queries          Ins

### Top 3 Sales by Country

**United States**

**Canada**

14.38M

**France**

4.61M

53.61M

### Sum of Sales by productcategory

Bikes — 66.30M

Components — 11.80M

Clothing — 1.78M

Accessories — 0.57M

### Average of StandardCost

0.00          454.41          908.82

### Discount by OrderQuantity

%GT Sum of Discount

15% — 12.98%

10%

6.12%

5% — 6.07%          3.40%          2.83%

2.06%          0.32%          0.02%

0%

0          10          20          30          40

OrderQuantity