**Bookmarks, Buttons and Selection**

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1. Formula to create Total Sales

Total Sales = SUMX(‘Sales Data’, ‘Sales Data’[Final Sales Price])

1. Formula to create Total Sales LY

Total Sales LY = CALCULATE([Total Sales], SAMEPERIODLASTYEAR(‘Calendar’[Date]))

1. Formula to create Cumulative Sales

Cumulative Sales = CALCULATE[Total Sales],

FILTER(ALLSELECTED(‘Calendar’),

‘Calendar’[Date]<= MAX(‘Calendar’[Date])))

1. Formula to create Total Cost

Total Cost = SUMX(‘Sales Data’, ‘Sales Data’[Total Unit Cost Price’])

1. Formula to create Total Profit

Total Profit = SUMX(‘Sales Data’ ,’Sales Data’[Profit])

1. Formula to create Profit %

Profit % = DIVIDE([Total Profit],[Total Cost])

**Steps for Hide, Unhide, Collapse and Expand the measure**

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1. Create ‘Matrix’ visualisation of Product Name by Total Sales, Total Sales LY, Total Cost, Cumulative Sales, Total Profit and Profit %.
2. Create a ‘Slicer’ Visualisation of Year.
3. To hide, unhide, collapse and expand the measure that we have add

Matrix visual for that need to create slicer and to create that slicer need to create the table.

1. Create Table – Slicer Selection

Column Name – Select Measure

1. Total Sales
2. Total Sales LY
3. Cumulative Sales
4. Total Cost
5. Total Profit
6. Profit %

1. To make Slicer work

Selection = SWITCH(TRUE(),  
SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Total Sales”, FORMAT([Total Sales], “Currency”),

SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Total Sales LY”, FORMAT([Total Sales LY], “Currency”),

SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Cumulative Sales”, FORMAT([Cumulative Sales], “Currency”),

SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Total Cost”, FORMAT([Total Cost], “Currency”),

SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Total Profit”, FORMAT([Total Profit], “Currency”),

SELECTEDVALUE(‘Slicer selection’[Select Measure]) = “Profit %”, FORMAT([Profit %], “Percentage”), Blank())

1. For that last matrix visualisation, Row – Product Name, Columns – Select Measure, Values – Selection.

**Hide and Unhide the visuals using Slicer**

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Will use Bookmarks and Button feature

1. Create Matrix visualisation using Country by Total Sales, Total Sales LY, Cumulative Sales, Total Cost, Total Profit and Profit%
2. Create Clustered Column Chart using Country by Total Sales.
3. Create Tree Map chart using Country by Total Sales LY.
4. Create Clustered Column chart using Country by Cumulative Sales.
5. Create Donut chart using Country by Total Cost.
6. Create Area Chart using country by Total Profit.
7. Create KPI visualisation using Country by Profit%.
8. Click on View **🡪** Bookmark 🡪 Selection

Under Bookmark Click on Add 🡪 type Total Sales. Unclick the Data, Current Page.

1. Click on Total Sales again, under Selection hide everything except matrix and Total Sales by Country.
2. Click on three dots again and then Update.
3. Click on Insert 🡪 Buttons 🡪 Blank Buttons.
4. Under Format Button 🡪 Text as Total Sales
5. Activate Icon 🡪 Select Bookmark.
6. Click on each Button 🡪 under Format 🡪 activate ‘Action’ tab 🡪 Select the type as Bookmark 🡪 From Bookmark 🡪 Select names(Eg: Total Sales, Total Sales LY, Cumulative Sales, Total Cost, Total Profit and Profit%).
7. Follow the same steps for remaining measures.