

:: DA ASSIGNMENT NO-3 ::

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Now let us create some Basic and LOD expressions by some calculations. Now let us see the Basic calculations

1st visualization:

Profit percentage for the categories

Profit percentage for categories

IIF

{

[Sales] != 0,

[Profit] / [Sales] * 100,

0

}

IIF

(test,

then,

else,

[unknown])

The calculation is valid.

Apply

OK



2nd visualization:

Revenue per unit as per market

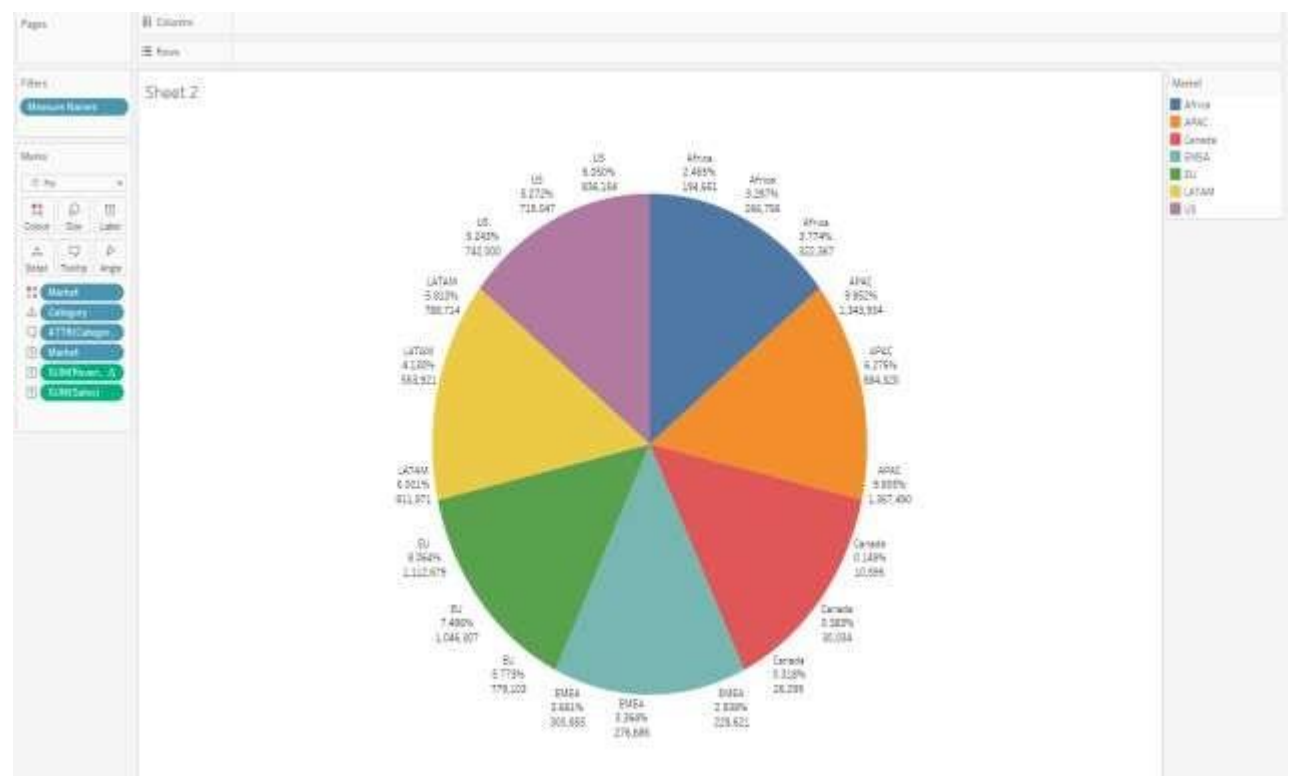
Revenue per unit for the market

IIF([Quantity] != 0, [Sales] / [Quantity], 0)

The calculation is valid.

Apply

OK



Absolute Cost price of the product

Columns: AGG(Absolute Cost) SUM(Quantity)

Rows: Sub-Categories Categories

Sheet 3

AGG(Absolute Cost) Pi

100% 1,000,000

22,334 1,000,000

Sub-Categories	Category	Absolute Cost
Accessories	Technology	8,32%
Apparel	Office Supplies	9,63%
Art	Office Supplies	2,95%
Books	Office Supplies	4,34%
Business	Furniture	11,03%
Chairs	Furniture	8,57%
Computers	Technology	17,62%
Desktops	Office Supplies	2,52%
Peripherals	Office Supplies	0,79%
Peripherals	Furniture	3,33%
Labels	Office Supplies	1,02%
Monitors	Technology	8,32%
Mouse	Office Supplies	4,23%
Phones	Technology	14,77%
Storage	Office Supplies	7,39%
Supplies	Office Supplies	1,94%
Tables	Furniture	4,37%

Absolute Cost Price of products

0 20 40 60 80 100 120 140 160 180 200 220 240

0 20 40 60 80 100 120 140 160 180 200 220 240

4th visualization:

Total Cost

Total cost

×

$$\text{SUM}([\text{Shipping Cost}]) * \text{SUM}([\text{Sales}])$$

The calculation is valid.

Apply

OK



5th visualization:

Now Let us see the some LOD expressions.
Sales per Customer Name

Sales Per Customer Name

×

```
{ FIXED [Customer Name]:SUM([Sales]) }
```

The calculation is valid.

Apply

OK



6th visualization:

Sales for the World cup playing Countries

Sales in every contry

×

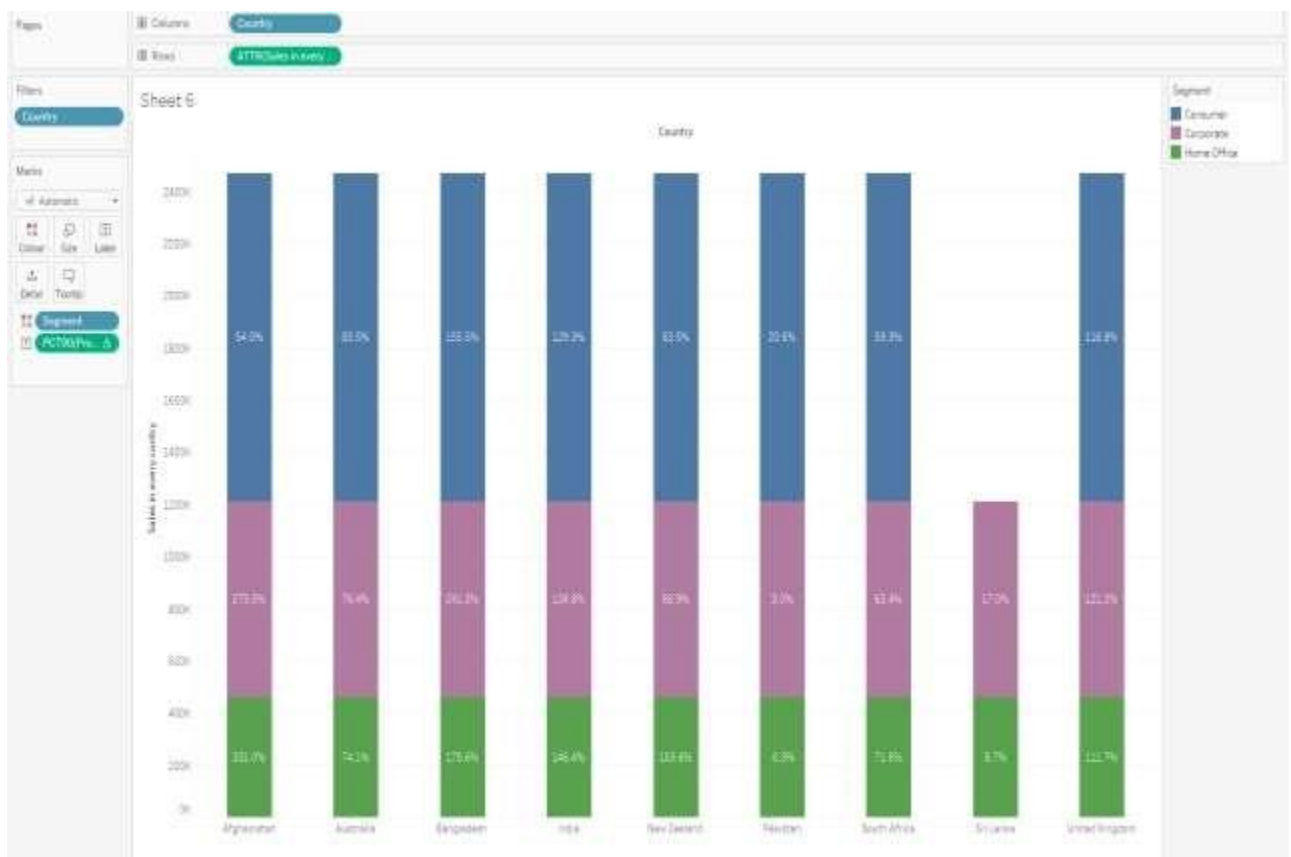
```
{ EXCLUDE [Country]:SUM([Sales]) }
```

▶

The calculation is valid.

Apply

OK



7th visualization:

Country Maximum Profits

Country Maximum Profits

X

{ FIXED [Country]: MAX([Profit]) }

The calculation is valid.

ApplyOK



Minimum Sales in some region

[illegible]

9th visualization :

Total Profits per day

Total profit for days

×

```
{ FIXED [Order Date] : SUM([Profit]) }
```

The calculation is valid.

Apply

OK



These are the Basic and LOD visualizations