

# IBM DATA ANALYTICS

## ASSIGNMENT - 4

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VITAP

Now let us create some Basic and LOD expressions by some calculations

Now let us see the Basic calculations

1<sup>st</sup> visualization

Profit percentage for the categories

Profit percentage for categoies

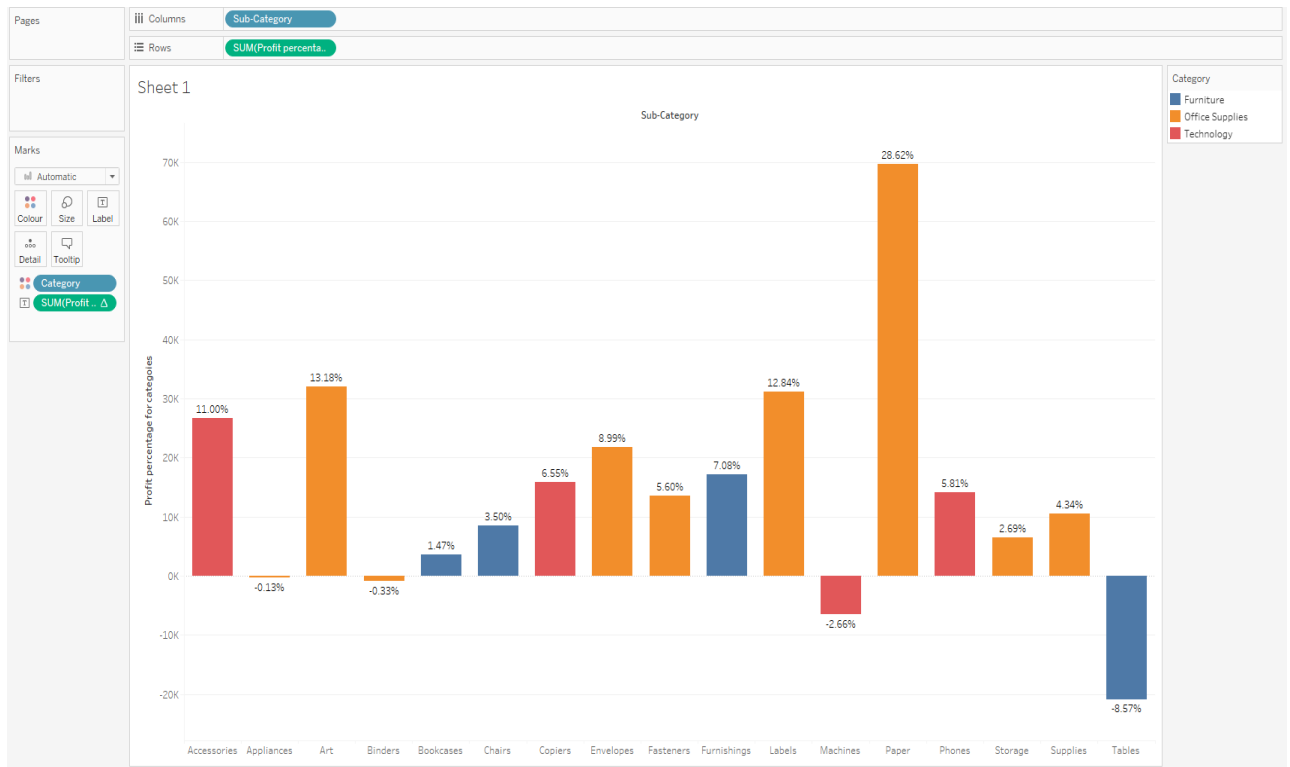
IIF([Sales] != 0, [Profit] / [Sales] \* 100, 0)

IIF(test, then, else, [unknown])

The calculation is valid.

Apply

OK



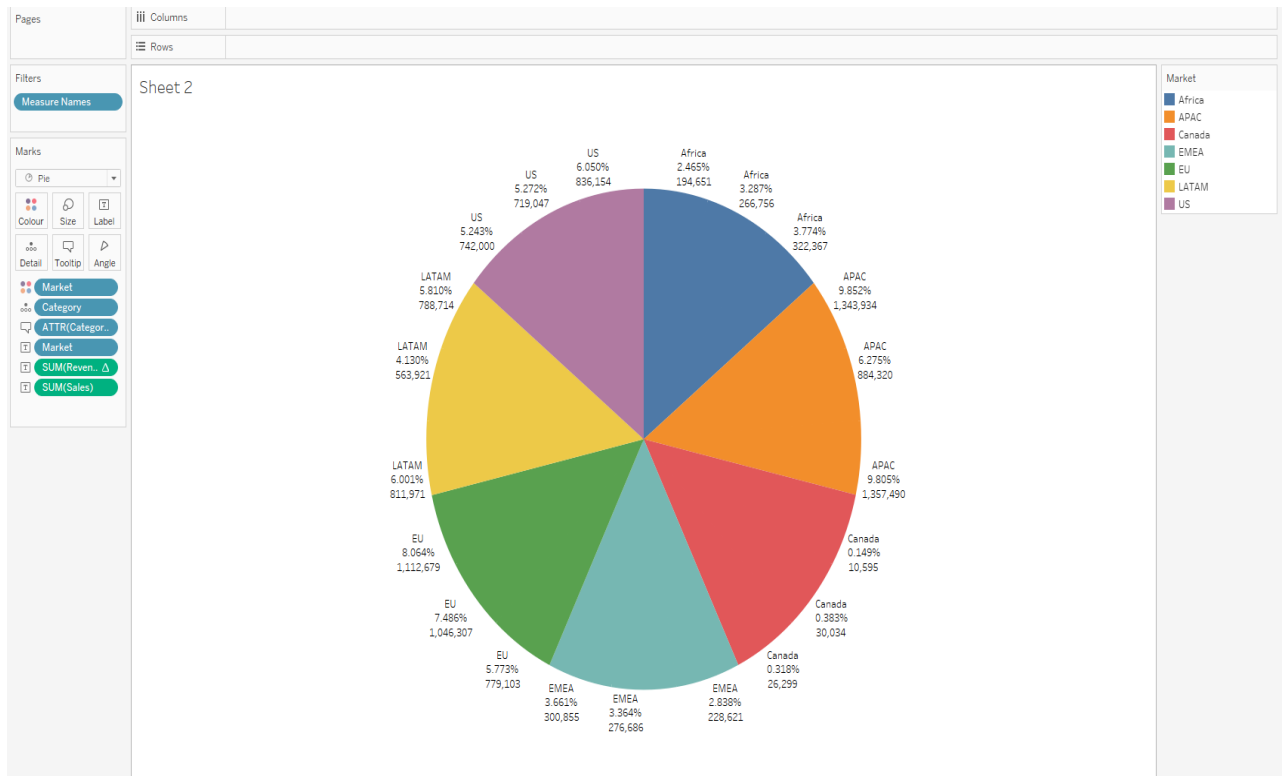
## 2<sup>nd</sup> visualization

### Revenue per unit as per market

Revenue per unit for the market ×

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

The calculation is valid.
Apply
OK



### 3<sup>rd</sup> visualization

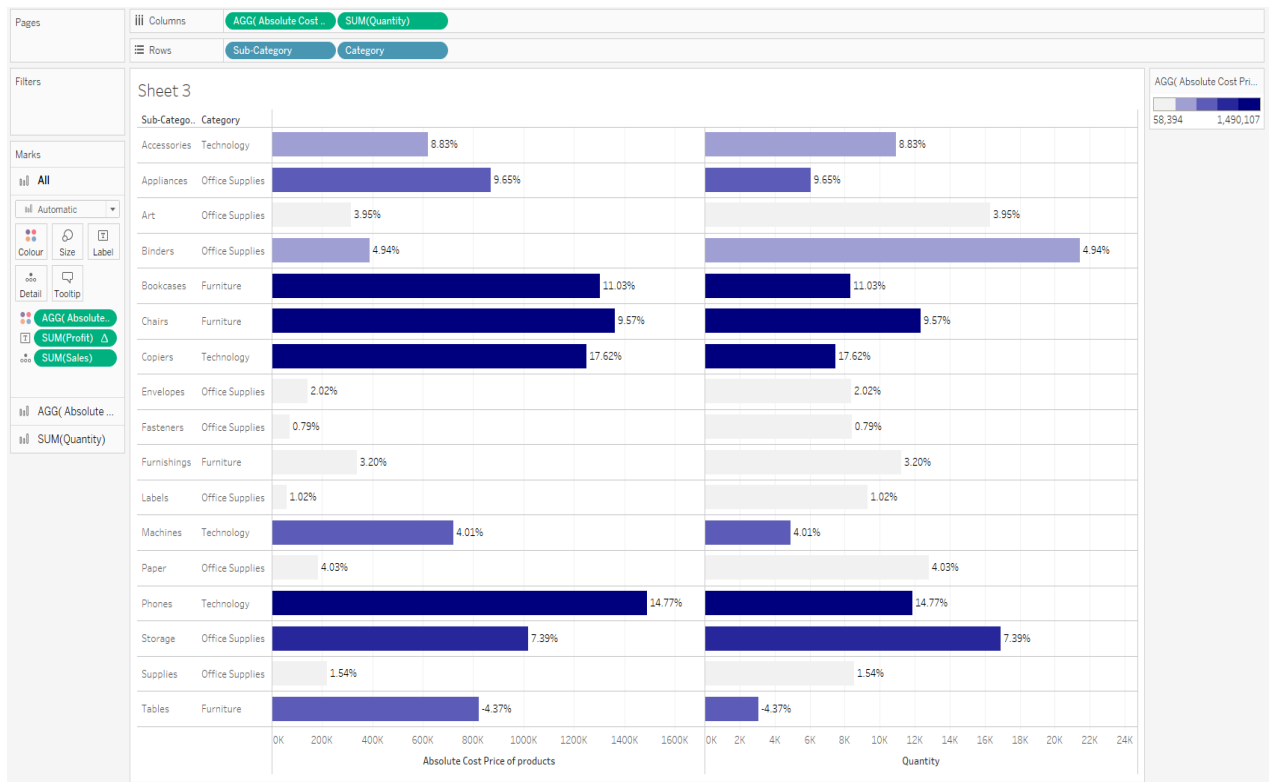
#### Absolute Cost price of the product

Absolute Cost Price of products

$$ABS(SUM([Sales]) - SUM([Profit]))$$

The calculation is valid.

Apply OK



## 4<sup>th</sup> visualization

### Total Cost



Sales Per Customer Name

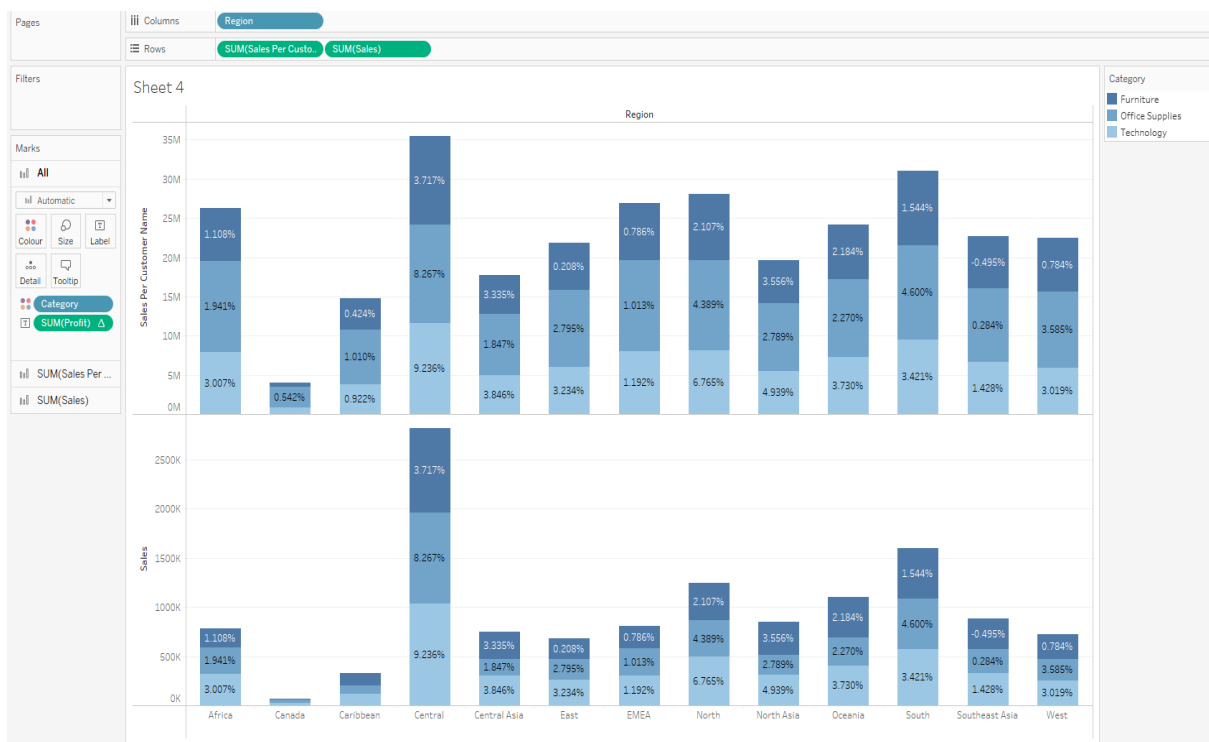
×

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

The calculation is valid.

Apply

OK



## 6<sup>th</sup> visualization

Sales for the World cup playing Countries

Sales in every contry

×

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

The calculation is valid.

Apply

OK

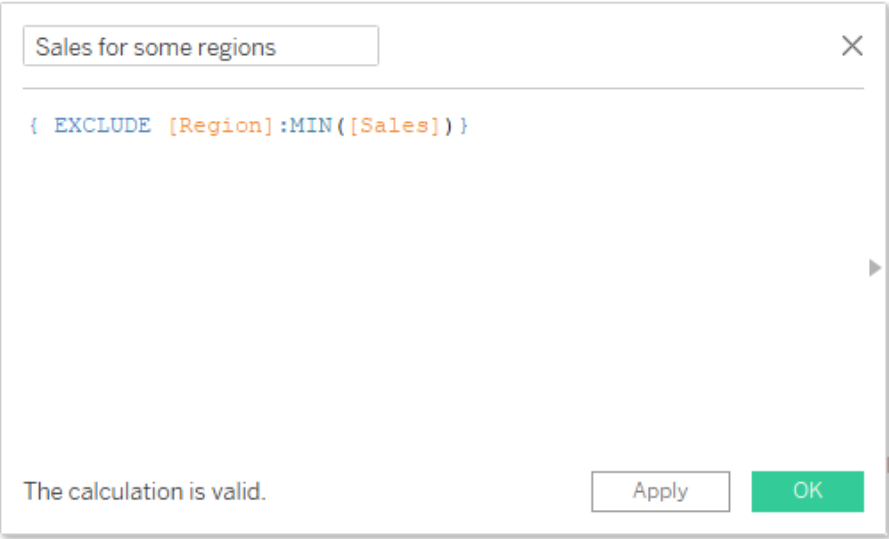


## 7<sup>th</sup> Visualization

### Country Maximum Profits







9th visualization

Total Profits per day

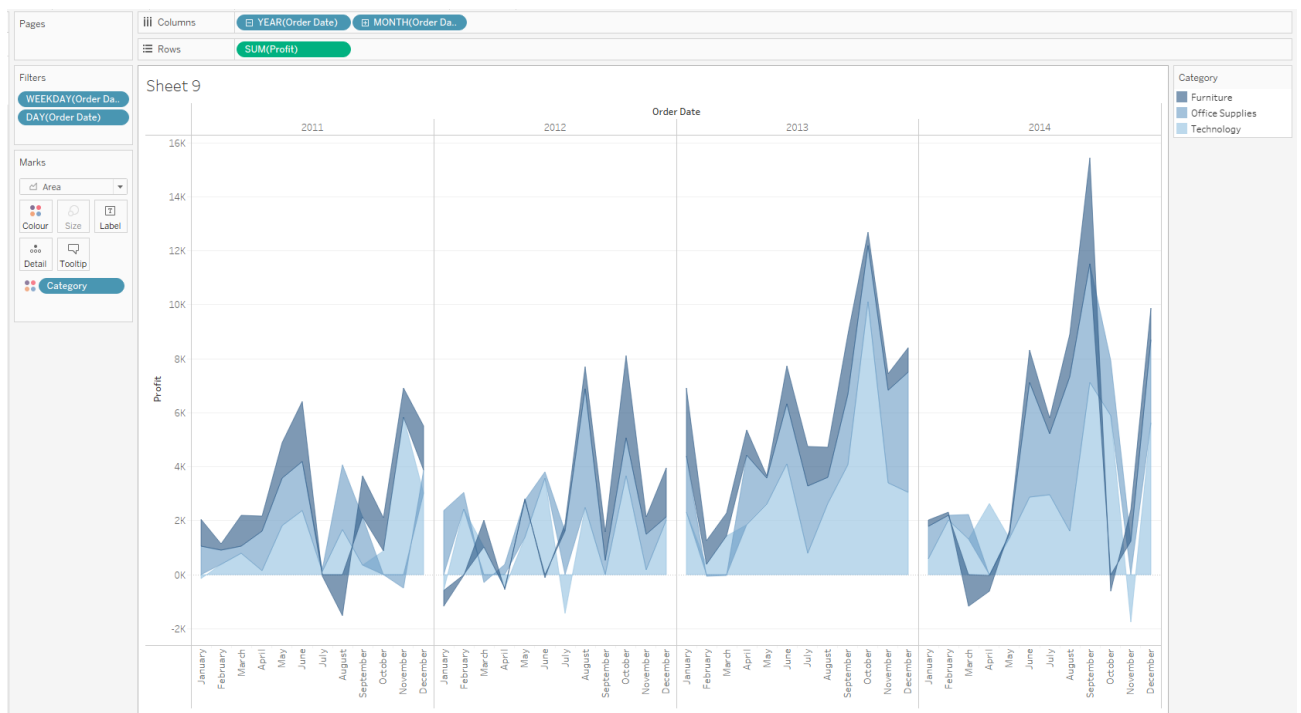
Total profit for days

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

The calculation is valid.

Apply

OK



These are the Basic and LOD visualizations