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Learning for Life

Parameters

Selecting top N Customers

Parameters using Case func

What if function

Data set to use – Sample super store – **Saved data**

Parameters – To select top ‘N’ customers

Step 1: Use Sample – Superstore – English dataset

Step 2: Customer name to Rows & Sales to Columns. Sort Descending

Step 3: Create index() calculation and drop it on Rows. Change it to discreet. This index does not behave dynamically with the sort.

Step 4: To create a parameter to allow users to choose ‘N’ customers.

Drag and drop “Customer name” (Dimension) to filter → Top → By field → by → (Drop Down) create parameter → Display format – Automatic, All allowable values” → click OK

Parameters to set up multidimensional approach Logical functions (Case function)

Step 1: Use Sample – Superstore – English dataset

Step 2: Product Sub Category to Rows, Sales to columns. Profit to Color. Adjust color legend appropriately

Step 3: Create Parameter

Name it Multi Dimension

Data Type String

Allowable Values: List

Region ~ Region, Category ~ Category, Department~Department.

Click ok

Step 4: Show Parameter control

Step 5: Create Calculated field:

```
CASE [Parameters].[Multidimension]
WHEN "Region" THEN [Region]
WHEN "Category" THEN [Category]
WHEN "Department" THEN [Department]
END
```


Step6: Drop the calculated field on Rows in place of dimensions

Parameters – What If Function

Step 1: Sample Superstore Subset data to use

Step 2: Plot Sales in rows and Order date (Month Year - Continuous on Columns)

Step 3: Create second copy of sales on to rows.

Step 4: Create Parameter → call it Profit Growth Paramater → Float →Range → Min value = 0 → Max Value = 1 → Step Size 0.05 → Click OK →

Show parameter.

Step 5: Create Calculated field as follows

Sum(Sales)*(1+[Profit Growth Parameter])

Step 6: Replace the second Sum([Sales]) with this calculated field.

Step 7: Right click on calculated field (In rows) → Dual axis

Step 8: Click secondary axis → Right click → Synchronise axis.