

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 multi dimension 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 Parameter → Float → Range
→ Min value = 0 → Max Value = 1 → Step Size 0.05 → Click OK →
Show parameter.

Step 5: Create Calculated field as follows

$\text{Sum}(\text{Sales}) * (1 + [\text{Profit Growth Parameter}])$

Step 6: Replace the second $\text{Sum}([\text{Sales}])$ with this calculated field.

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

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