

TWELVETH PROGRAM.

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Advanced Visualization Tools:-

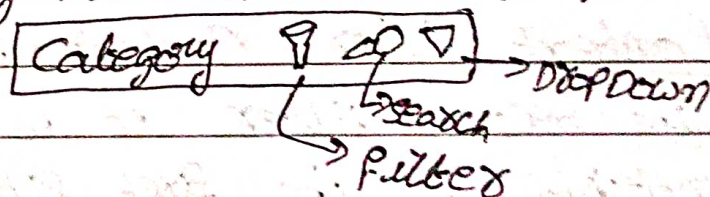
- Inter active filter
- Advanced Inter Active filter
- Action Filters
- Customizing filters
- Color
- Size
- Label
- Detail
- Tooltip
- Size etc.

Inter Active Filter:-

Col:- SUM(Sales)

Rows:- Category, Subcategory.

Apply filter on category & click on Show filter.



Under filter Drop Down we can see many filter formats.

Single Value list ☐ ☐ → Radio Buttons.

Single Value dropdown

Single Value Slider

Multiple Values list ☐ ☐ Check Boxes.

Multiple values dropdown

Multiple Values custom list
wild card Match.

Advanced Interactive Filter:-

Cols:- sum(Sales)

Rows:- Category, Subcategory

Apply filters on Category & Subcategory columns and click on Show Filter.

Category ▾
<input checked="" type="checkbox"/> All
<input type="checkbox"/> Furniture
<input type="checkbox"/> Office supplies
<input type="checkbox"/> Technology

Subcategory ▾
<input checked="" type="checkbox"/> All <input type="checkbox"/> All
<input type="checkbox"/> Accessories
<input type="checkbox"/> Appliances
<input type="checkbox"/> AOE
<input type="checkbox"/> Binders.
...
...
...
...
etc

For suppose if you select Furniture in the Category, that Furniture Related Subcategory will be displayed under the Subcategory filter not other Subcategory.

OTO Subcategory ▾ → Select only Relevant values.

Action Filters:-

we will take 2 worksheets.

→ First worksheet is category wise sales.

→ Second worksheet is category & subcategory wise sales.

Worksheet 1:-

Cols:- Category

Rows:- Sum(Sales)

Here Source is Worksheet 1

Target is Worksheet 2

If you select any one category on Sheet 1

Those related category is highlighted in Sheet 2

Worksheet 2

Cols:- Category, Subcategory

Rows:- Sum(Sales)

Go to Worksheet → Select Actions → click on

Add Action ▾

under Dropdown you can see Filter, Highlight, URL etc.

→ click on filter.

Name

Source Sheet

☒ Select Sheet 1

Target Sheet

☒ Select Sheet 2

Run action on

☐ Hover

☐ Select

☐ Menu

clearing the selection will

☐ Keep Filtered Values

☐ Show All Values

☐ Exclude All Values

click on OK.

Customizing Filters:-

Cols:- sum(Sales)

Rows:- Category, Subcategory.

Apply filters on category and subcategory columns and click on Show Filters.

Filter Dropdown you can see the customize option click on customize you can see below

Show "All" Value

Show Search Button

Show Include/Exclude

Show Control Types

Show More/Few Buttons

Show All Value Button

Show Apply Button

Calcs:-

Calcs with Bar:- Col:- sum(Sales)

Rows:- Subcategory.

Drag and Drop Category in Calcs.

ex2:- Drag & Drop Shipmode in Calcs.

Calcs with Map:- Double click on Region

Drag and Drop Sales in Calcs.

Calcs with Line:- Col:- Order Date

Rows:- sum(Sales)

Drag and Drop Category in Calcs.

Color with Raw Data:-

Double click on Sales

Drag and Drop Category on Colors.

SIZE:-

Size with Bar:- Col:- Category

Rows:- sum(Sales)

Click on Size under Marks card. you can play.

Size with Line:- Col:- Year (Orderdate)

Row:- sum(Sales)

click on Size & play.

Drag and Drop Category in Colors.

Size with Map:-

Double click on Country

Drag and Drop Profit in Size.

Size with Rawdata:-

Double click on Sales & Subcategory

click on size.

Label:-

Label with Bar:- Col:- Category

Rows:- sum(Sales)

Drag and Drop Sales in Labels. Click on label

☒ Show Mark Labels.

Label Appearing Text

Font

Alignment → left right center, Top, middle, bottom.

Marks to label → All Selected
min/max highlighted.

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Label with line:- Col:- Year

Rows:- SUM(Sales)

Drag & Drop sales in Label.

Label with Map:-

Double click on Country

Drag & Drop sales on Label.

Detail:-

Detail and Color both are similar.

but only the difference is color showing the difference in colors whereas Detail showing the difference in different sections.

Col:- Category

Rows:- SUM(Sales)

Drag and Drop shipmode in Detail.

Tooltip:- In visualization if you place cursor on any place you will see the Tooltip. We can edit the Tooltip.

If you drag and drop columns in the Tooltip we can see those values under tooltip in visualization.

* → More than one value.

Shapes:- If you take two measure columns then only you can see the shapes under marks card.

Col:- SUM(Profit)

Rows:- SUM(Sales)

Drag and Drop subcategory on Shapes.

Double click on Shape

Select Data item

O Accessories

D Appliances

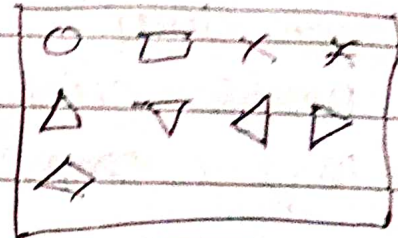
A A&E

* Binders

X Book Cases

Select shape palette

Default ▾



Assign palette

Reload Shapes

Reset

OK

Cancel

Apply

We can change the data item symbols with the help of symbols from palette.

→ If you want to add more symbols, download symbols. Copy and paste those symbols in the following path Documents → Tableau Repository → Shapes. Then Reload the Shapes and use those shapes.