



ORGANISE YOUR DATA

Sets

SETS

- Sets are custom fields that define a subset of data based on some conditions.
- A set can be based on a computed condition(dynamic) or on a specific data point (static) in the view.
- Sets can be created only on dimensions. So, it is like grouping your dimension on a basis of a condition for measure.



Constant Set

- The members of a constant set are fixed and do not change. To create a constant set, you need to select the members you want to include.
- A constant set can be based on a single dimension or multiple dimensions.



Computed Sets

- The members of a computed set are dynamic and change when the underlying data changes.
- Computed sets can only be based on a single dimension.



Create Set



Name: Products with Sales 100K+

General

Condition

Top

☒ Select from List ☐ Custom Value List ☐ Use All

Enter Text to Search

- ☒ "While you Were Out" Message Book, One Form per Page
- ☒ *Staples* Highlighting Markers
- ☒ *Staples* Letter Opener
- ☒ *Staples* Packaging Labels
- ☒ *Staples* vLetter Openers, 2/Pack
- ☒ #10 Self-Seal White Envelopes
- ☒ #10 White Business Envelopes, 4 1/8 x 9 1/2
- ☒ #10- 4 1/8" x 9 1/2" Recycled Envelopes
- ☒ #10- 4 1/8" x 9 1/2" Security-Tint Envelopes
- ☒ #10-4 1/8" x 9 1/2" Premium Diagonal Seam Envelopes
- ☒ #6 3/4 Gummed Flap White Envelopes
- ☒ 1.7 Cubic Foot Compact "Cube" Office Refrigerators
- ☒ 1/4 Fold Desk Organizer, 8 White Envelopes, 3 1/2 x 1 1/2

All

None

☐ Exclude

Summary

Field: [Item]

Selection: Selected 1263 of 1263 values

Wildcard: All

Condition: None

Limit: None

Reset

OK

Cancel

Sets- Hands On

- Exercise 1*- Show the 10 sub- categories making the least sales.
- Exercise 2*- Show the maximum Profit making products.



Edit Set [Bottom 10 SC]

Name: Bottom 10 SC

General Condition Top

☐ None

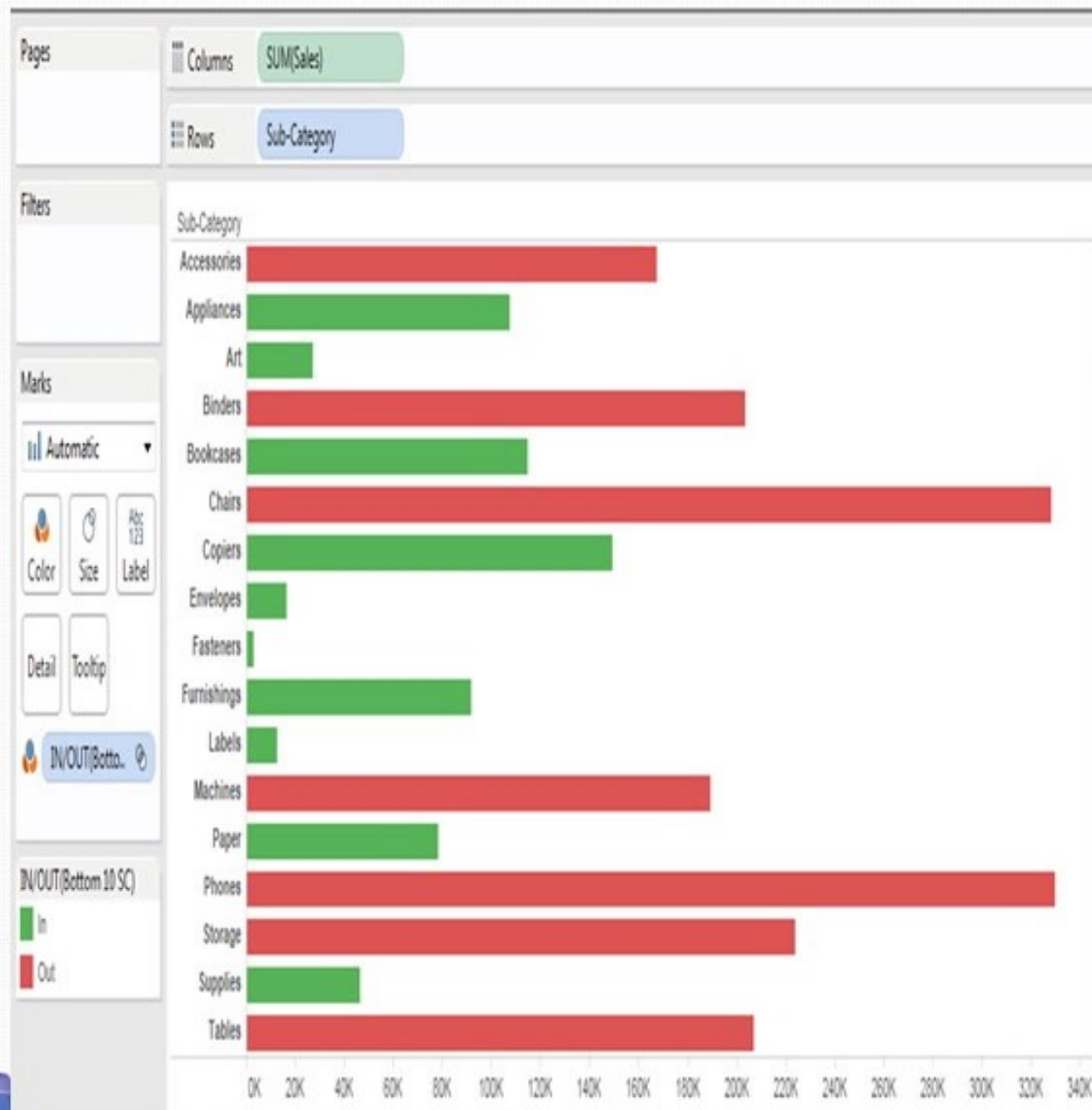
☒ By field:

Bottom 10 by

Sales Sum

☐ By formula:

Top 10 by



Sets- Hands On

- Exercise 3* - Create a set to show the Sub Categories making High Sales (Sales \geq 2,00,000)

Columns

Rows Sub-Category

Sub Categories with Sales > 200000

Sub-Catego..	
Accessories	167,380
Appliances	107,532
Art	27,119
Binders	203,413
Bookcases	114,880
Chairs	328,449
Copiers	149,528
Envelopes	16,476
Fasteners	3,024
Furnishings	91,705
Labels	12,486
Machines	189,239
Paper	78,479
Phones	330,007
Storage	223,844
Supplies	46,674
Tables	206,966

Edit Set [High Sales(>200000)]

Name: High Sales(>200000)

General Condition Top

☐ None

☒ By field:

Sales Sum

\geq 2,00,000

Range of Values

Min: Load

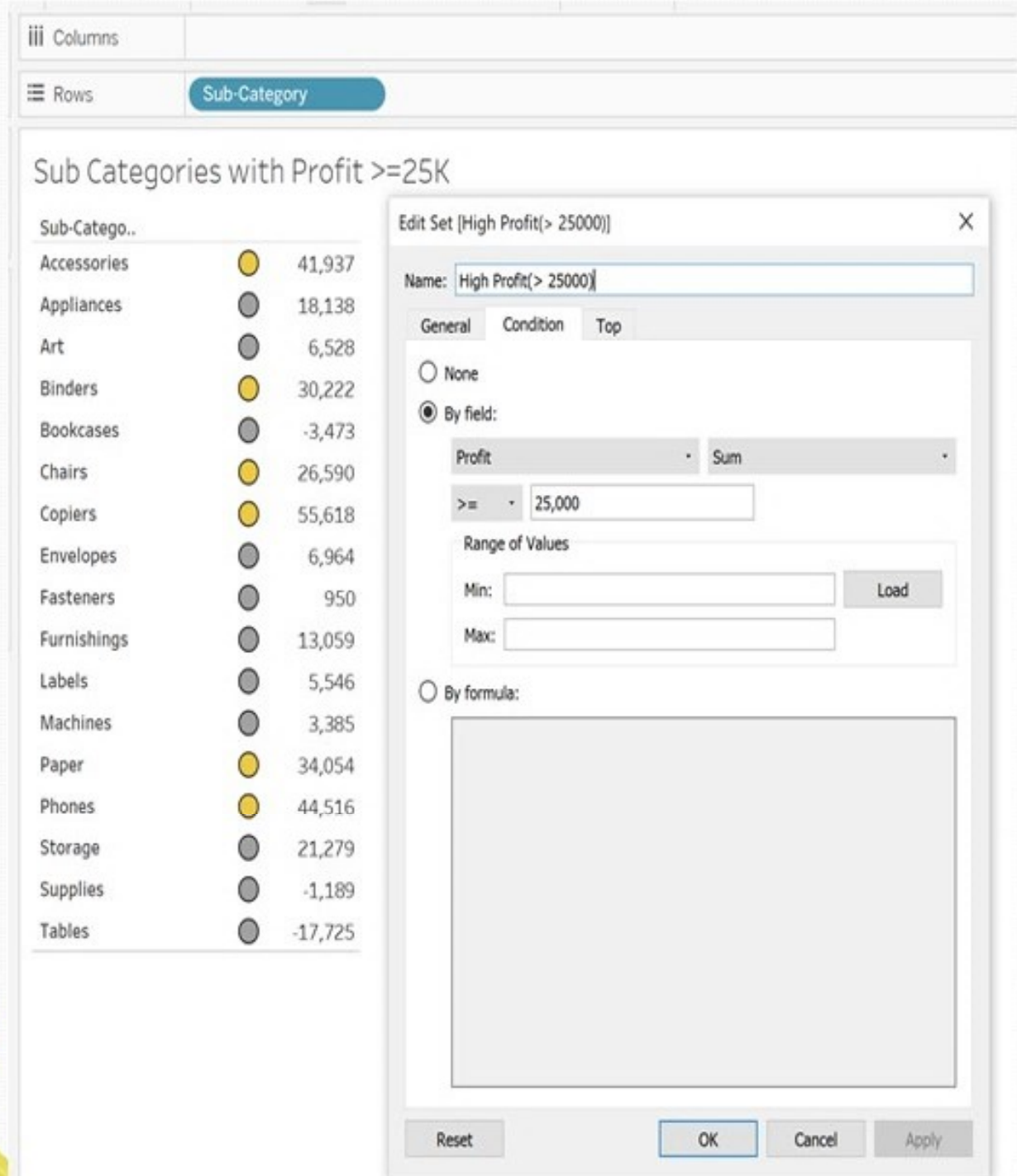
Max:

☐ By formula:

Reset OK Cancel Apply

Sets- Hands On

- Exercise 4* - Create a set to show the Sub Categories making High Profits (Profit $\geq 25,000$)



The screenshot displays a software interface with a table of sub-categories and their profits. A dialog box titled 'Edit Set [High Profit(> 25000)]' is open, showing the configuration for a new set.

Sub Categories with Profit $\geq 25K$

Sub-Catego..		
Accessories	●	41,937
Appliances	●	18,138
Art	●	6,528
Binders	●	30,222
Bookcases	●	-3,473
Chairs	●	26,590
Copiers	●	55,618
Envelopes	●	6,964
Fasteners	●	950
Furnishings	●	13,059
Labels	●	5,546
Machines	●	3,385
Paper	●	34,054
Phones	●	44,516
Storage	●	21,279
Supplies	●	-1,189
Tables	●	-17,725

Edit Set [High Profit(> 25000)]

Name: High Profit(> 25000)

General Condition Top

☐ None

☒ By field:

Profit Sum

\geq 25,000

Range of Values

Min: Load

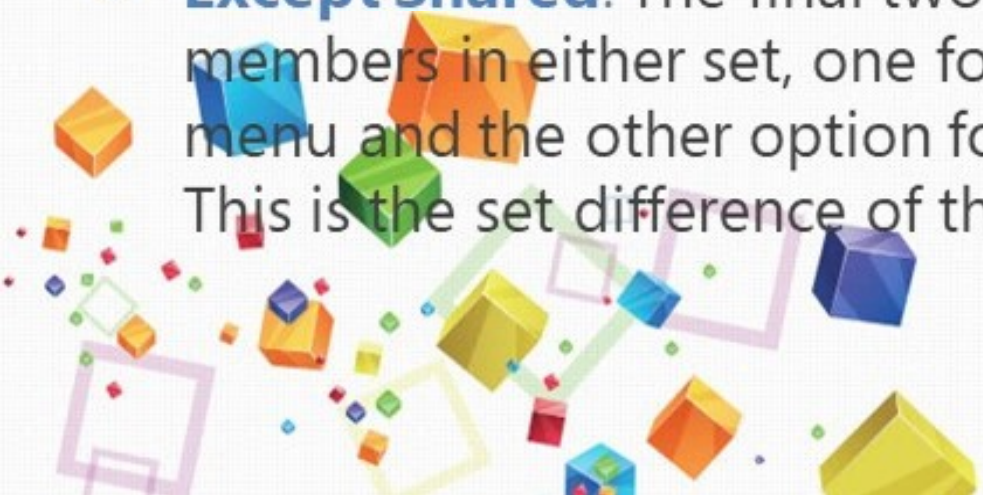
Max:

☐ By formula:

Reset OK Cancel Apply

Combined Sets

- The multiple sets created on a same dimension can be combined to form a new set altogether.
- The combined set can be created in the following ways:
- **All Members:** The combined set will include all members from each set. This is a union of both sets.
- **Shared Members:** The combined set will only include members that exist in both sets. This is an intersection of both sets.
- **Except Shared:** The final two options allow you to exclude shared members in either set, one for the set in the left-hand drop-down menu and the other option for the right-hand drop-down menu. This is the set difference of the selected set compared to the other.



Sets- Hands On

- Exercise 5* - Create a set to show the Sub Categories making High Sales & High Profit.

iii Columns Measure Names

Rows IN/OUT(High Sale.. Sub-Category

Sub Categories with High Sales & High Profit

In/Out of Hi..	Sub-Category	Profit	Sales
In	Binders	30,222	203,413
	Chairs	26,590	328,449
	Phones	44,516	330,007
Out	Accessories	41,937	167,380
	Appliances	18,138	107,532
	Art	6,528	27,119
	Bookcases	-3,473	114,880
	Copiers	55,618	149,528
	Envelopes	6,964	16,476
	Fasteners	950	3,024
	Furnishings	13,059	91,705
	Labels	5,546	12,486
	Machines	3,385	189,239
	Paper	34,054	78,479
	Storage	21,279	223,844
	Supplies	-1,189	46,674
	Tables	-17,725	206,966

Edit Set (High Sales & High Profit) X

Name: High Sales & High Profit

How would you like to combine the two sets?

Sets: High Profit(> 25000) • High Sales(>200000) •

☐ All members in both sets

☒ Shared members in both sets

☐ "High Profit(> 25000)" except shared members

☐ "High Sales(>200000)" except shared members

Separate members by , East, Green Tea, 2012

OK Cancel Apply

Set As a Dashboard Action

Through Set action on a dashboard the end user can directly interact with the multiple visualizations to get a better idea about the data.

Set actions take an existing set and update the values contained in that set based on user actions in a viz. You can define the set action to include:

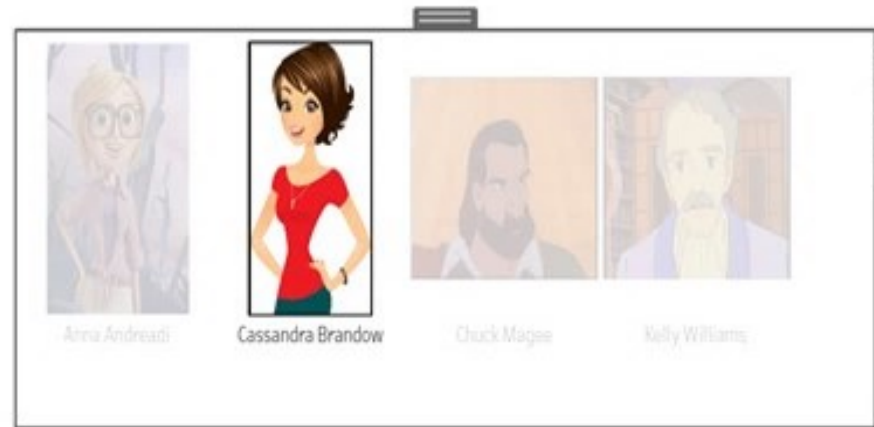
- the source sheet or sheets it applies to.
- the user behaviour that runs the action (hover, select, or menu).
- the target set (the data source and set to be used).
- what happens when the selection is cleared.



Sets- Hands On

- Exercise - Create a Dashboard to show the Sales made by the 4 Sales representatives for each of the Region.

Dashboard for Sales Reps.



Sales trend over time for Cassandra Brandow

