

1. Funnel chart

- ⇒ sales (Double click)
- ⇒ colors: segments
- ⇒ ~~sales~~ size: sales
- ⇒ labels: segment, sales
- ⇒ standard → entire view, quick calculation
- ⇒ sum(sales) → (% of total)

2. Advance Funnel chart

- ⇒ cols: shipmode
- ⇒ rows: sum(sales)
- ⇒ Marks menu
Automatic → area
- ⇒ Standard → entire view
- ⇒ Shipmode → sort descending

3. Lollipop Chart:

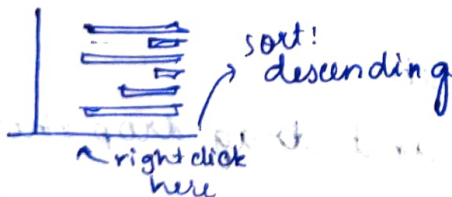
- ⇒ cols: shipmode
- ⇒ rows: sales, sales
- ⇒ Sales → dual axis
- ⇒ Mark menu
 - sum(sales)
automatic → circle
 - sum(sales)2
automatic → bar
- set size of sales, sales2 accordingly

4. Donut chart:

- ⇒ cols: AVG(0), AVG(0)
- ⇒ marks of
 - all
- automatic → pie
- color: category
- angle: sales
- label: sales
- ⇒ remove all in AVG(AVG(0)) and change color to white.
- ⇒ AVG(0) → Dual axis
- ⇒ Set sizes accordingly

5. Butterfly chart:

- ⇒ cols: sales, avg, sales
- ⇒ rows: Sub-category
- ⇒ sort left sales from sheet



- ⇒ colors: sub-category
- ⇒ label: sales
- ⇒ in avg(0) marks menu
automatic → text

6. Dual Axis Line chart

- ⇒ cols: Year (order date)
- ⇒ rows: sales, sales
- ⇒ sales → Dual axis
- ⇒ automatic →

7. With Bar chart

- ⇒ cols: Sub-category
- ⇒ rows: sum(sales), sum(profit)
- ⇒ profit → Dual axis
profit
- ⇒ all: automatic → bar

8. Cyclical data with line chart

- cols: day (order date)
- rows: sum (profit)
- label: profit, sales

9. Cyclical data with heat map

- cols: month (order date)
- rows: day (order date)
- size: sales

10. Area chart:

- cols: Year (order date)
- rows: sum (sales)
- colors: segment.

Exports

1. Sheets:

→ Sheet 1:

- sales by states
 - cols: states
 - rows: sales
- • sales by month
 - cols: month (order date)
 - rows: sales.

- • sales by category
 - cols: sub category
 - rows: sales.

2. Dashboard Format:

- Titled — Drag and drop sheets
- In options, select floating and drag drop sheets.

3. Dashboard webpage:

- In objects, select webpage
- copy paste a URL in the dialog box
- OK

4. Device manager:

→ change to phone and add sheets

5. Story point:

- Add sheets in caption
- sheets beside the caption etc
- In layouts, change navigator style

6. Publishing:

→ server → tableau public → save

Exp: 12

1. Interactive filters:

- cols: category
- rows: sum(sales)
- filters: category
- apply filter, OK

3. Active filter:

- Two previous worksheets
- in worksheet in menu bar
- actions → add action → filters
- select the worksheets
- Run action → select
- OK

5. Colors with bars:

- Cols: sales
- rows: sub category
- colors: category

7. Colors with lines:

- cols: year (order date)
- rows: sales
- colors: category

↓

9. Size with lines:

Same and adjust size

2. Advanced interactive filters

- ⇒ cols: sum(sales)
- rows: category, sub category
- filters: category, sub category

4. Customizing filters

- ⇒ Cols: sales
- rows: sub-category
- filters: category, sub-category
- apply filters

6. Colors with maps:

- double click on regions
- ⇒ ~~drop~~ colors: sales
- details: region

8. Size with bars:

- cols: category
- rows: sales
- Size adjust accordingly

10. Labels with Data:

- cols: category
- rows: sales
- labels: sales

12. Tooltip:

- cols: category
- rows: sales
- tooltip: profit

Exp: 11

1. Group by header

- cols: sales
- rows: sub-category
- Select headers



right click -> Group

3. Group by visualization

- cols: sales
- rows: sub-category
- select the bars
 - right click
 - group.

5. Hierarchy:

- select and dimension from data source
- right click
- Hierarchy -> create hierarchy
- Give a name

7. Live, Extract, pivot:

- Live
- Extract

11. details:

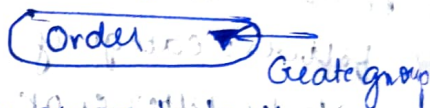
- cols: category
- rows: sales
- details: shipmode

13. Shapes:

- cols: profit
- rows: sales
- Shapes: sub category

2. Group by data window:

- Data Source
 - select any dimension field



- The group is in the sheet.
 - Order date (group)

4. sets

- same a procedure as groups
- give a name to the set

6. Sort:

- (sub category) A diagram showing a right-click action on a sub category. A box labeled 'sub category' is shown with a right-click arrow pointing to it, and a label 'sort' is written next to it. Below 'sort' are the words 'ascending or descending'.

for pivot
→ select columns and right click select pivot.

Exp 10:

1. Formatting axes.
- ⇒ cols: category
 - ⇒ rows: sales



edit axis

- Reversed
- Logarithmic
- Symmetric

Exp 9:

1. Calculated field

- ⇒ cols: category
- ⇒ rows: sales

2. Format menu:

- ⇒ cols: sub-category
- ⇒ rows: profit
- ⇒ colors: category

3. Worksheet menu:

- ⇒ Right click on any bar
- format
- change anything you want.

Exp: 8 :

1. Sum

- ⇒ cols: category
- ⇒ rows: sum(sales)

2. AVG

- ⇒ cols: category
- ⇒ rows: AVG(sales)

4. Calculated field:

- ⇒ cols: category
- ⇒ Analysis → create calculated field
- ⇒ Enter → $IF([Sales] \neq 0, [Discount]/[Sales], 0)$
- ⇒ OK
- ⇒ rows: discount ratio

Exp: 7:

1. Line

- 1 or more dimensions
- 1 or more measures
- ⇒ cols: order date
- ⇒ rows: sales

2. Bar

- 1 or more dimensions
- 1 or more measures
- cols: Sub-category
- rows: sales

3. Tree map

- 1 or more dimensions
- 1 or more measures
- cols: year, category
- rows: sum(sales), profit