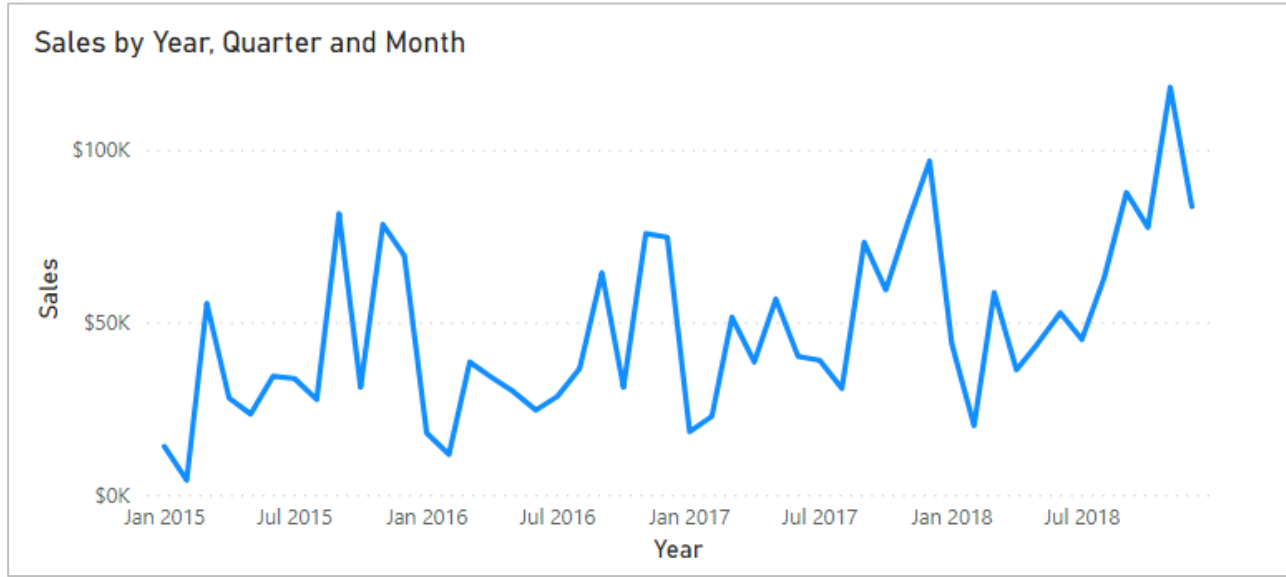


Top 10 Power BI Visualization Tricks – Volume 2 of 2

#06 | Line: Time Series Analytics (Trend Line & Forecast)



Axis

- Order Date
- Year
- Quarter
- Month
- Day

Legend

Add data fields here

Values

- Sales

Trend line 1

Constant line

Min line

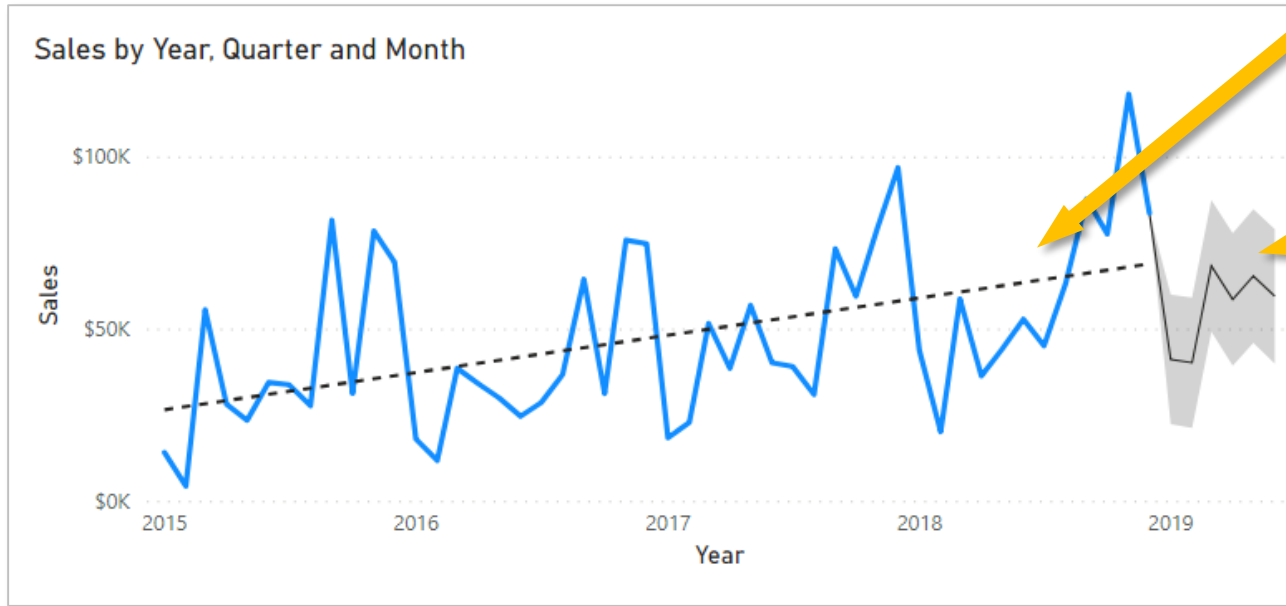
Max line

Average line

Median line

Percentile line

Forecast 1



X axis On

Type

Continuous

Should be **Continuous** for Trend Line

#07 | Decomposition Tree as released in Nov-2019 update



1

2

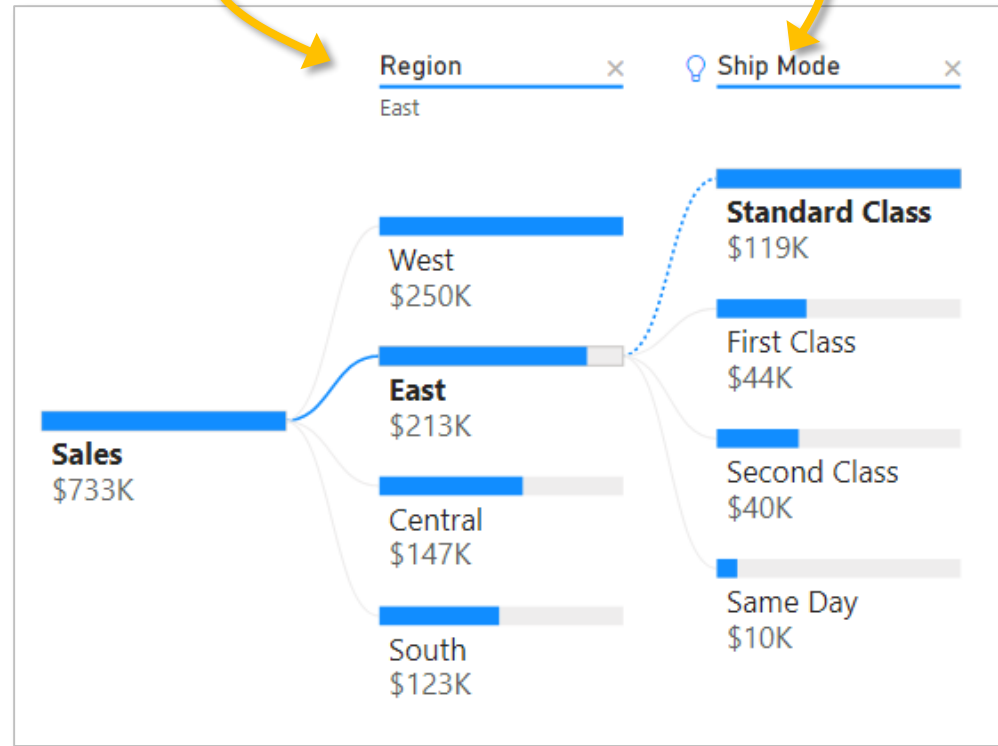
Analyze

Sales

Explain by

Region

Ship Mode



3

Search

Analysis

Enable AI splits

On

Analysis type

Absolute

Revert to default

Tree

Data bars

#08 | Numeric Field: Create Bins using "New Group" & explore data patterns

1 Fields

sales

Orders

Σ Sales

Check

New hierarchy

New measure

New column

New quick measure

Rename

Delete

Hide

View hidden

Unhide all

Collapse all

Expand all

2 New group

Add to filters

Add to drillthrough

3 Groups

Name: Sales (bins) Field: Sales

Group type: Bin Min value: \$0.4

Bin Type: Size of bins Max value: \$22,638.5

Bin size: 1000

Binning splits numeric or date/time data into equally sized groups. The default bin size is calculated based on your data.

4 Values

Sales (bins)

Count of Sales

5 Fields

sales

Orders

Σ Sales

Sales (bins)

6

Sales (bins)	Count of Sales
\$0.0	9526
\$1,000.0	328
\$2,000.0	77
\$3,000.0	23
\$4,000.0	21
\$5,000.0	4
\$6,000.0	2
\$7,000.0	1
\$8,000.0	4
\$9,000.0	3
\$10,000.0	1
\$11,000.0	1
\$13,000.0	1
\$17,000.0	1
\$22,000.0	1
Total	9994

#09 | Matrix*: Heat Map & Data Bars using Conditional Formatting



* Most of the settings apply to Table Visual too

Visualizer settings panel showing the 'Conditional formatting' section expanded for the 'Sales' field. A red arrow points to the 'Conditional formatting' header.

Conditional formatting settings for 'Background color'. The 'On' toggle is turned on, indicated by a grey arrow. A yellow arrow points from the settings panel to this section.

Conditional formatting settings for 'Data bars'. The 'On' toggle is turned on, and the 'Show bar only' option is selected, indicated by a grey arrow and a yellow callout box. A yellow arrow points from the settings panel to this section.

Month	Central	East	South	West	Total
January					\$19K
February					\$23K
March					\$52K
April					\$39K
May					\$57K
June					\$40K
July					\$39K
August					\$31K
September					\$73K
October					\$60K
November					\$79K
December					\$97K
Total	\$147K	\$181K	\$94K	\$187K	\$609K

Month	Central	East	South	West	Total
January					\$19K
February					\$23K
March					\$52K
April					\$39K
May					\$57K
June					\$40K
July					\$39K
August					\$31K
September					\$73K
October					\$60K
November					\$79K
December					\$97K
Total	\$147K	\$181K	\$94K	\$187K	\$609K

#10 | Q&A: Ask a question using natural language

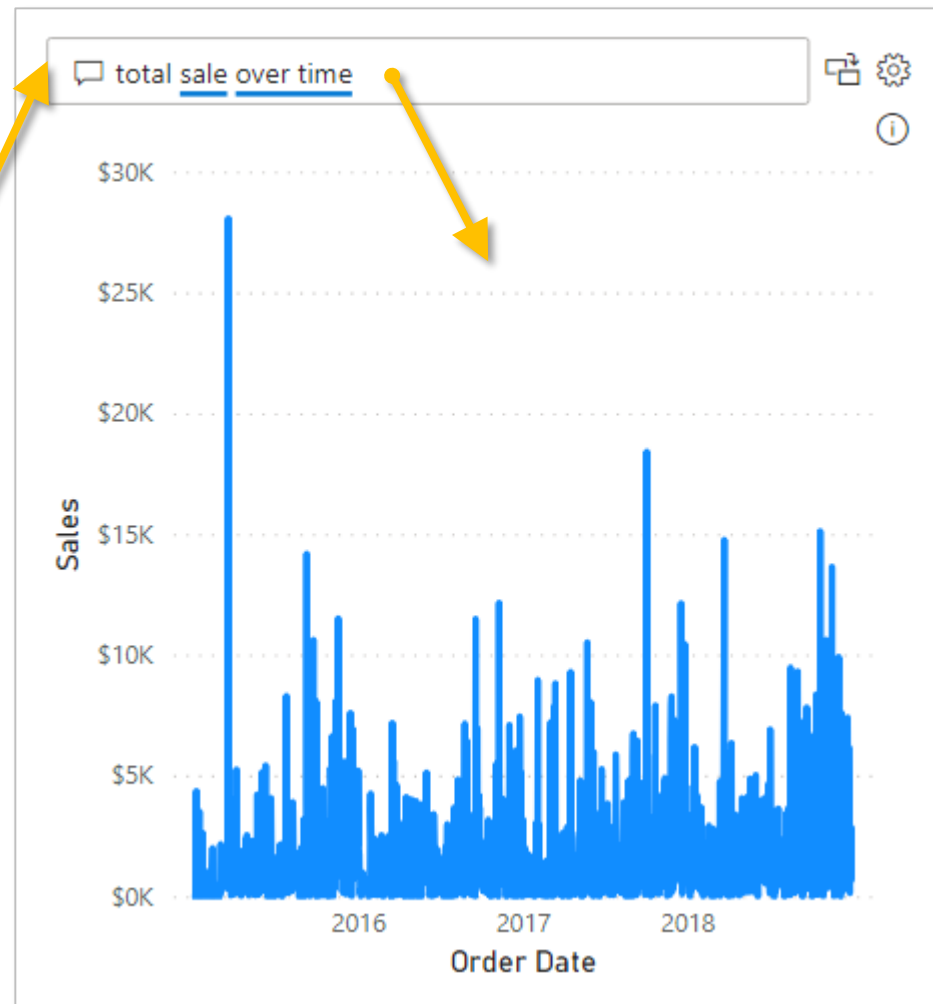


Can be activated by **JUST double-click** on the canvas area

Try one of these to get started

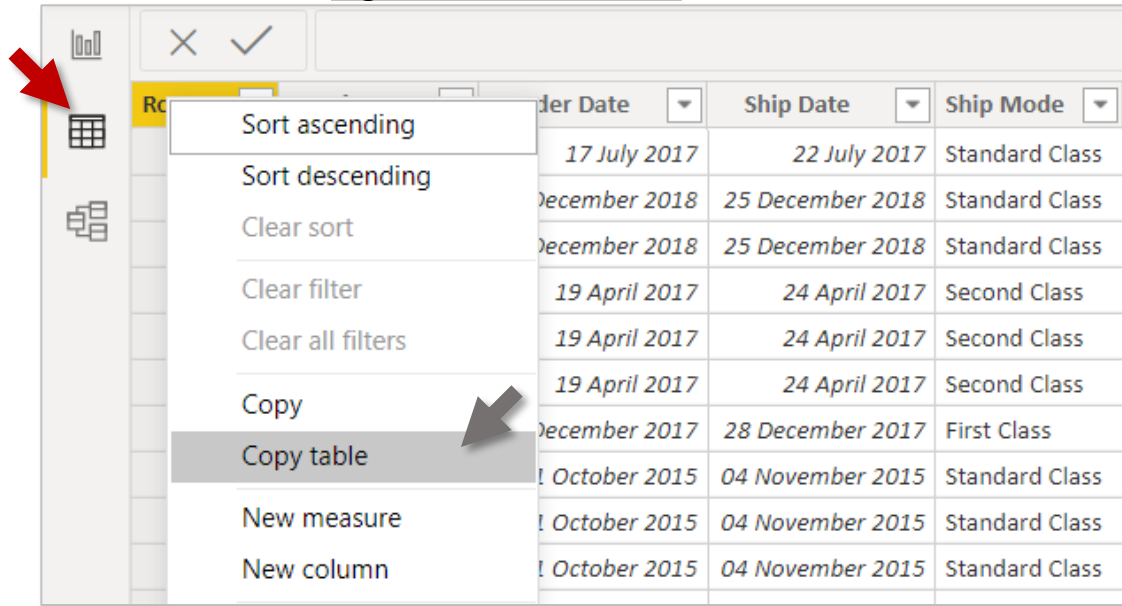
total sale	average sale
total profit	total sale over time
sort orders by state	sort orders by row ID
show the maximum sale	total profit over time
sort orders by country	compare sale and sales (bins)

Show fewer suggestions



Bonus: Others

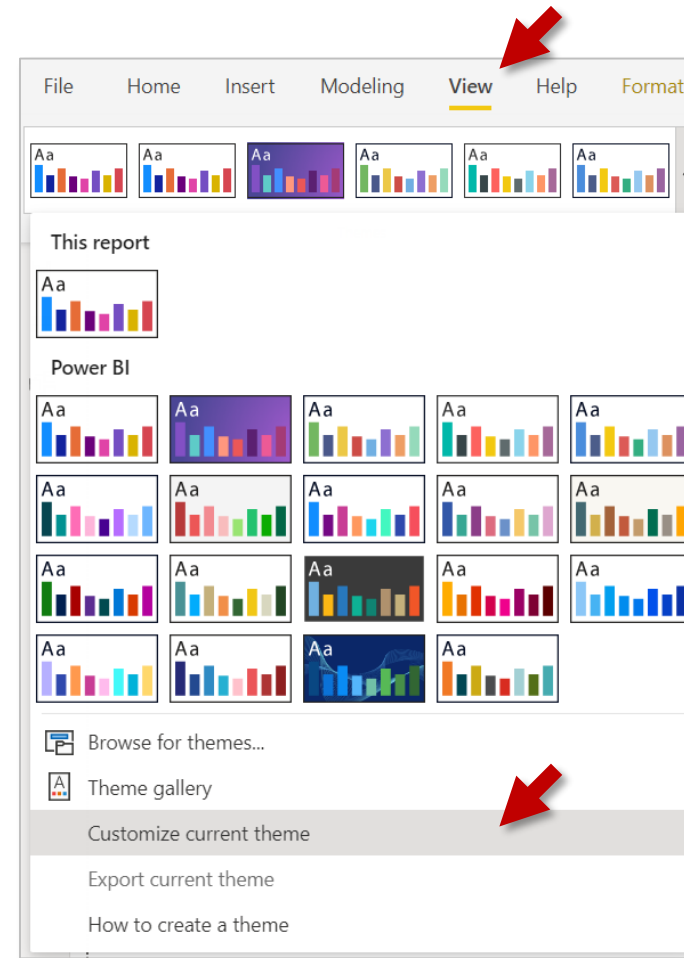
Right-click on a column



Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Copy
Copy table
New measure
New column

Order Date	Ship Date	Ship Mode
17 July 2017	22 July 2017	Standard Class
25 December 2018	25 December 2018	Standard Class
25 December 2018	25 December 2018	Standard Class
19 April 2017	24 April 2017	Second Class
19 April 2017	24 April 2017	Second Class
19 April 2017	24 April 2017	Second Class
28 December 2017	28 December 2017	First Class
04 November 2015	04 November 2015	Standard Class
04 November 2015	04 November 2015	Standard Class
04 November 2015	04 November 2015	Standard Class

#1: Copy Table from Power BI for pasting it to Excel



File Home Insert Modeling **View** Help Format

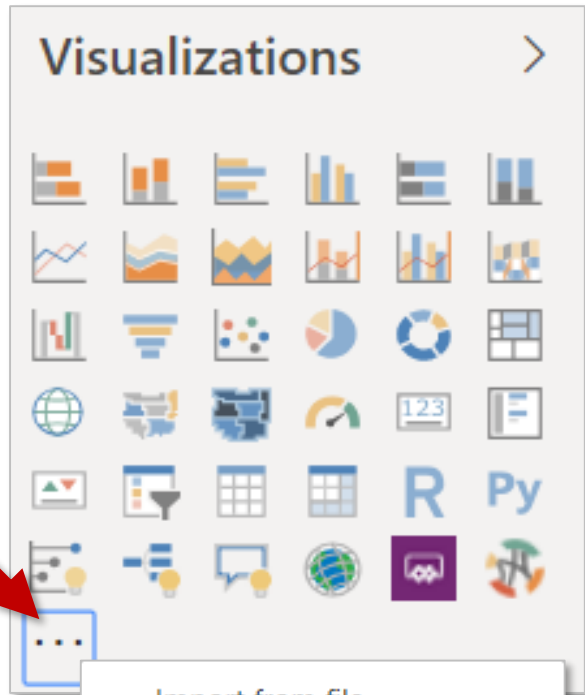
This report

Power BI

Browse for themes...
Theme gallery
Customize current theme
Export current theme
How to create a theme

#2: Customize Theme (Dec 2019 update)

Bonus: Others (...cont'd)



- Import from file
- Import from marketplace
- Delete a custom visual
- Restore default visuals

#3: Custom Visuals











Power BI Visuals

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All		Thermometer by MAQ Software  Represent progress toward goals with a highly customizable thermometer graphic. ★★★★☆	Add
Advanced Analytics			
Data Visualizations			
Editor's Picks		Radar Chart  Multiple measures plotted over a categorical axis. Useful to compare attributes. ★★★★☆	Add
Filters			
Gauges			
Infographics			
KPIs		Bullet Chart  A bar chart with extra visual elements to provide additional context. Useful for tracking goals. ★★★★☆	Add
Maps			
Power BI Certified			
Time		Histogram Chart  Visualises the distribution of data over a continuous interval or certain time period	Add