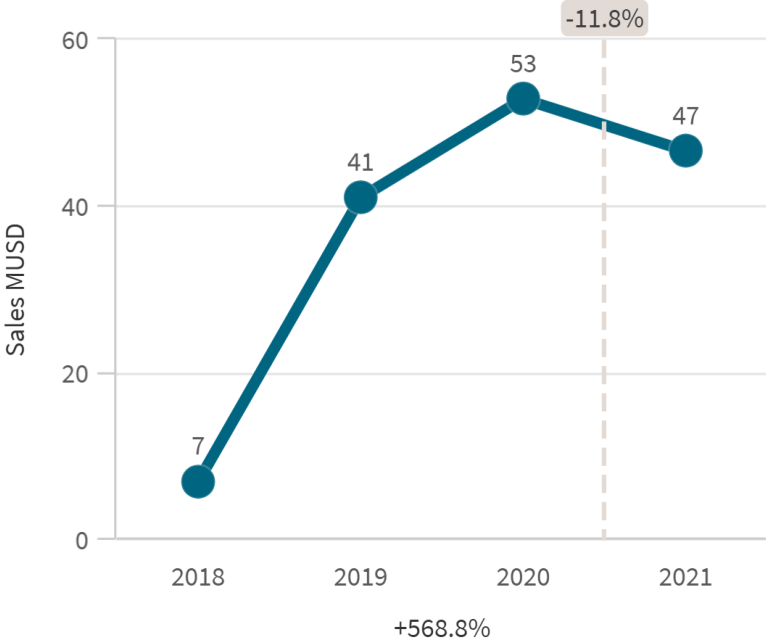


Studies show that people pay as much attention to the title as the graph.  
But writing good titles is hard...

## Sales down 11.8% in the last period

+568.8% from 2018 to 2021

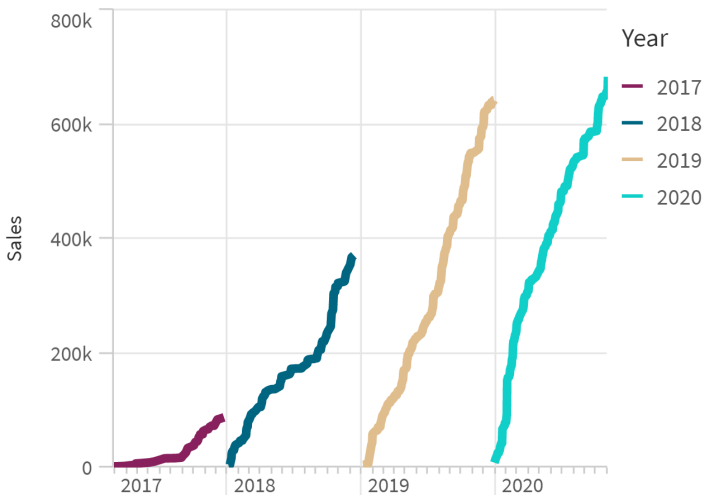


The easiest way to compare with last year is to use Year as a dimension, for instance in this case:

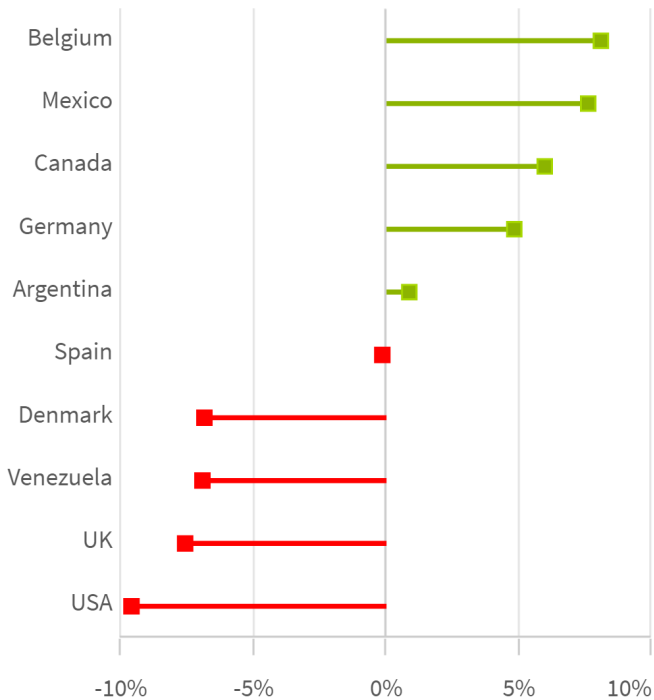
Dimension 1: OrderDate

Dimension 2: Year

Measure: =Sum(Sales), full accumulation



Add a combo chart, duplicate the measure as a circle marker.  
Adjust the bar width et voilà!  
A Lollipop chart.



Wind speed, direction and air temperature look nice with arrows in a grid. Here's how to do that in Sense.

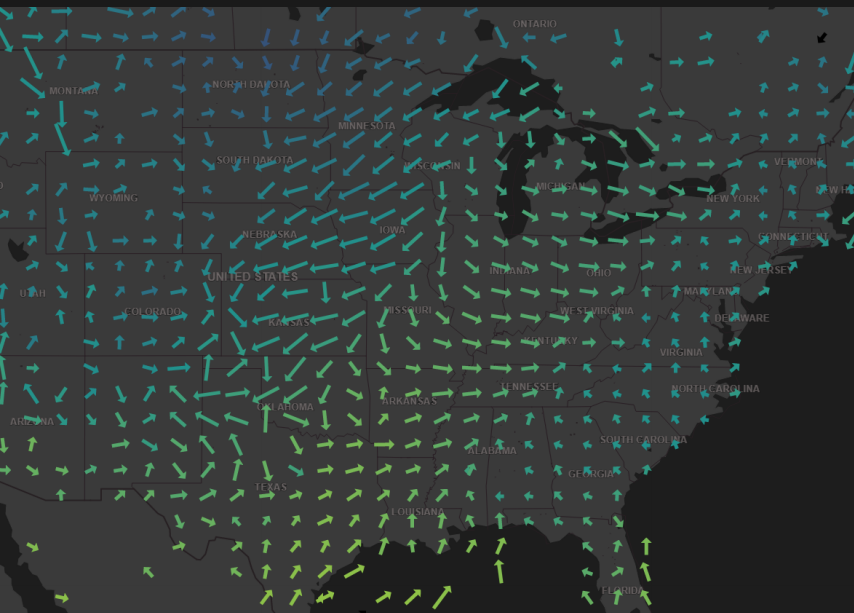


Table with text color, higher values are darker and more red.

	Sun	Mon	Tue	Wed
Babywear	20	33	13	22
Bath Clothes	8	9	7	11
Children ´s wear	10	9	11	21
Ladies ´ Footwear	19	34	19	25
Men ´s Clothes	27	21	16	26
Men ´s Footwear	30	32	52	35
Sportwear	53	48	34	61
Womens wear	62	84	34	175

# Field overview with the value distribution with min, max, average and distinct count.

Table: Cars, rows: 406, fields: 10

## Brand

# 34, ◻ AMC, ◻ Volvo, avg



## Model

# 308, ◻ AMC Ambas, ◻ Volvo Die, avg



## Cylinders

# 5, ◻ 3, ◻ 8, avg 5.2



## Displacement

# 83, ◻ 68, ◻ 455, avg 179.8



## Weight

# 356, ◻ 1613, ◻ 5140, avg 3042.2

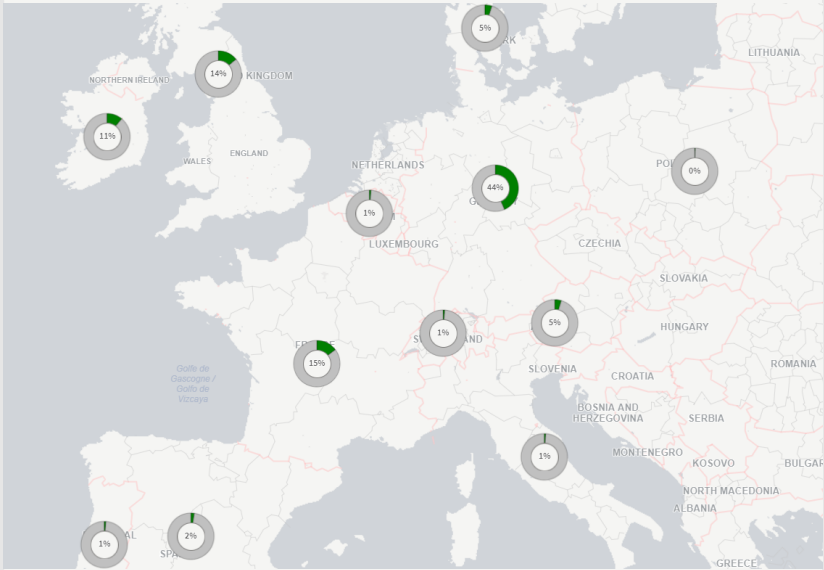


## Acceleration

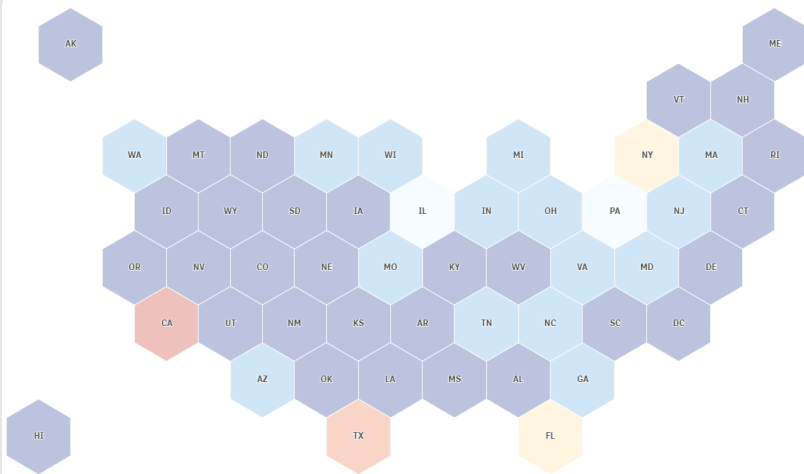
# 96, ◻ 8, ◻ 24.8, avg 16.2



Donuts are nice with a space for the label in the center. Keep the number of slices to a minimum for better readability.



Hexagonal shapes for USA,  
the positions of the states  
are set with a spreadsheet.

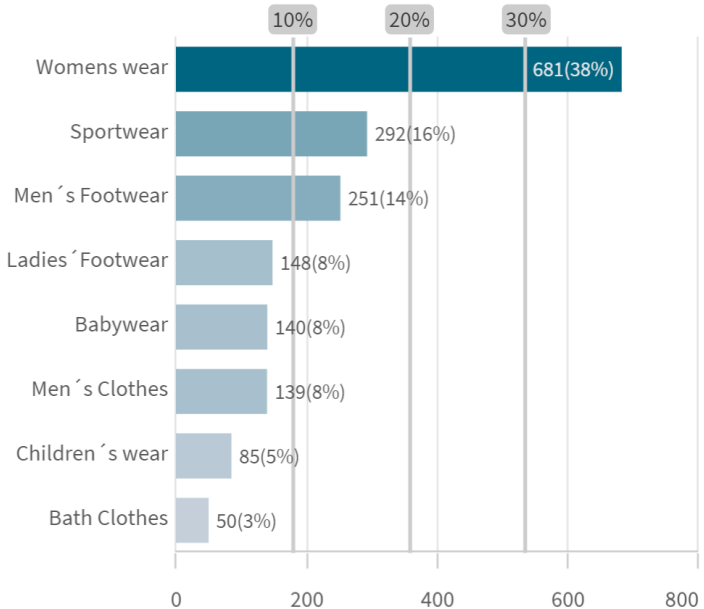




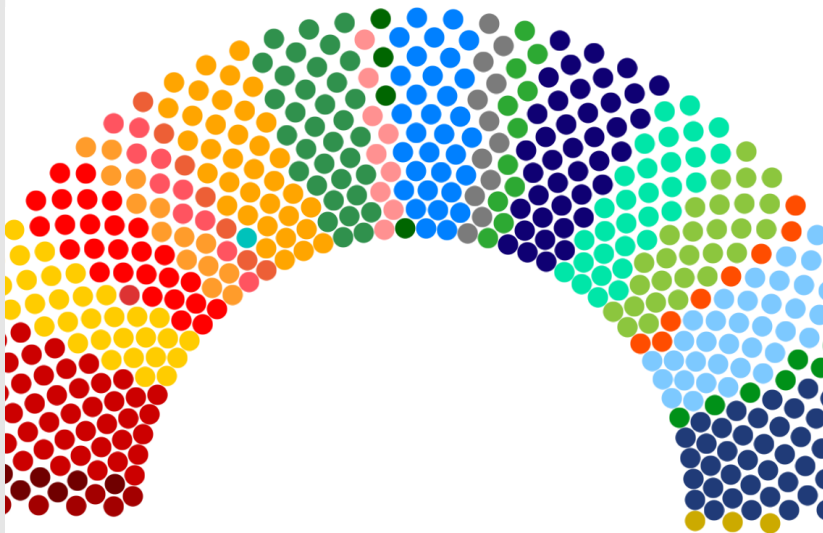
A second axis with percentage provides share of total together with actual value.

## Second axis

Using reference lines



Parliament diagrams are popular for election results and the seats in a plenary.



Simple to setup using the Qlik map chart and the point layer.

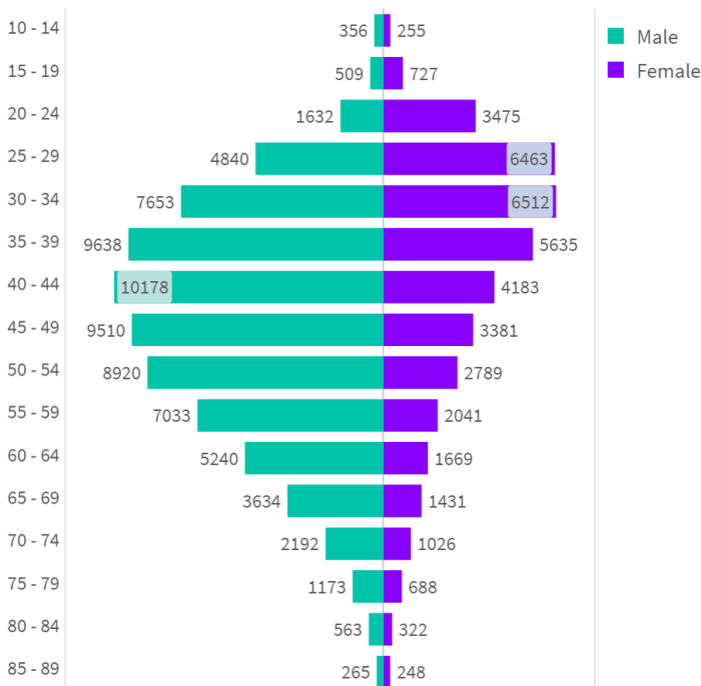
## Grouping similar values using Above and text color...

Babywear	Ga-Ga Dress	29
	Aino Shoes	25
	Duck Trousers	22
	Baby Dark Lounge Suit	17
	Deuce shirt	15
	Duck Shirt	10
	Mehmet-Tröja	7
	Rodbye Troje	7
	Sapporoo Gloves	5
	Mehmet-Skor	1
	Mehmet-Napp	0
Bath Clothes	Rossi Bermuda Shorts	13
	Rossi Shorts	10
	Summer Shorts	7

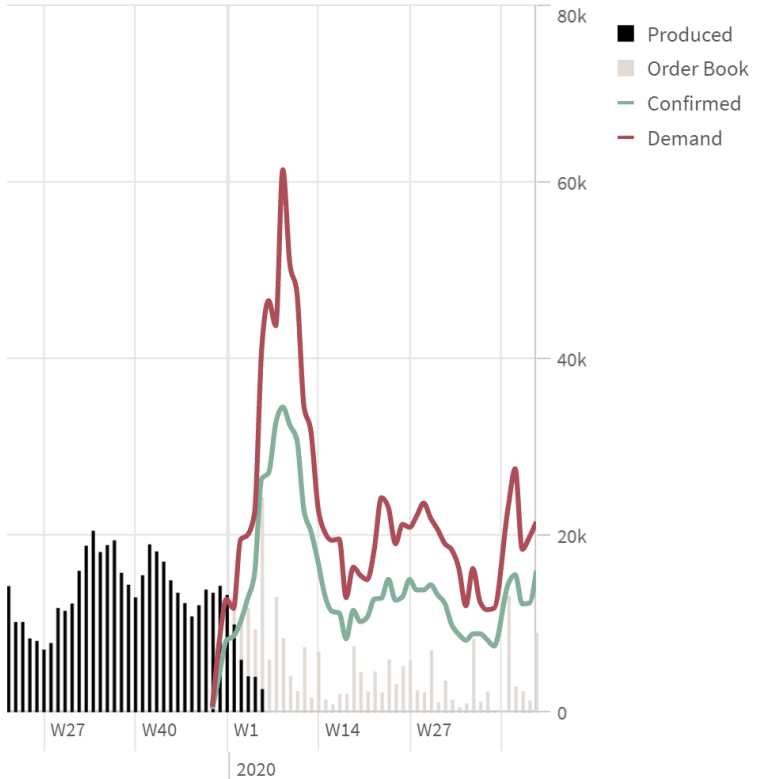
# Making a Butterfly chart from a Bar chart

## Age of male vs female actors

at time of film release. Source Wikidata.

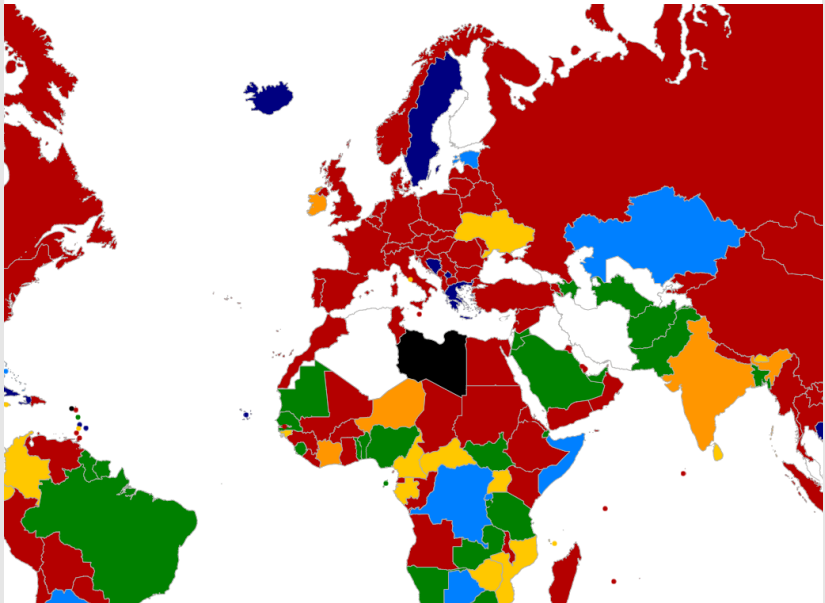


Colors per measure makes mixing easy.

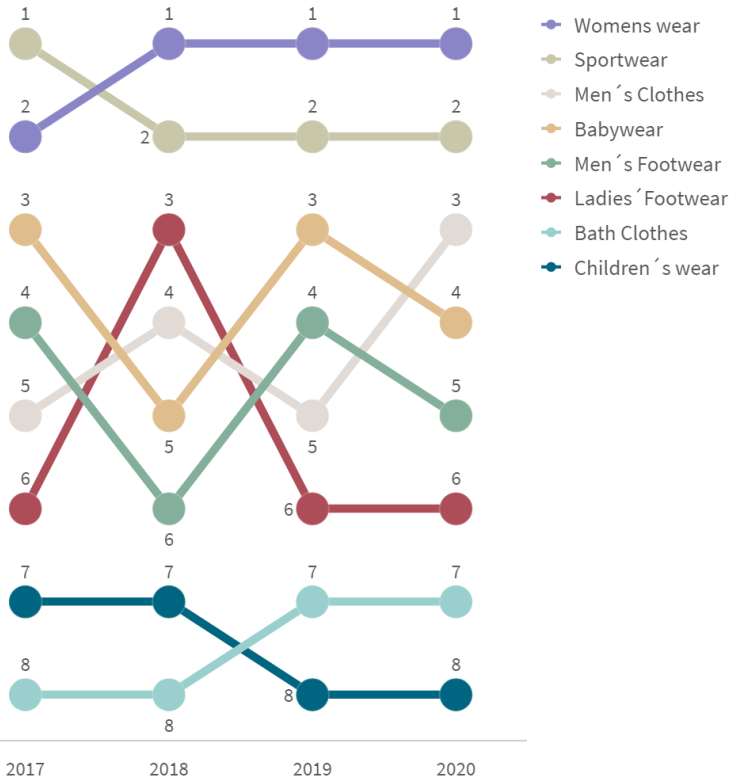


Consistent colors and Silent Legend makes apps easier to use and save space.

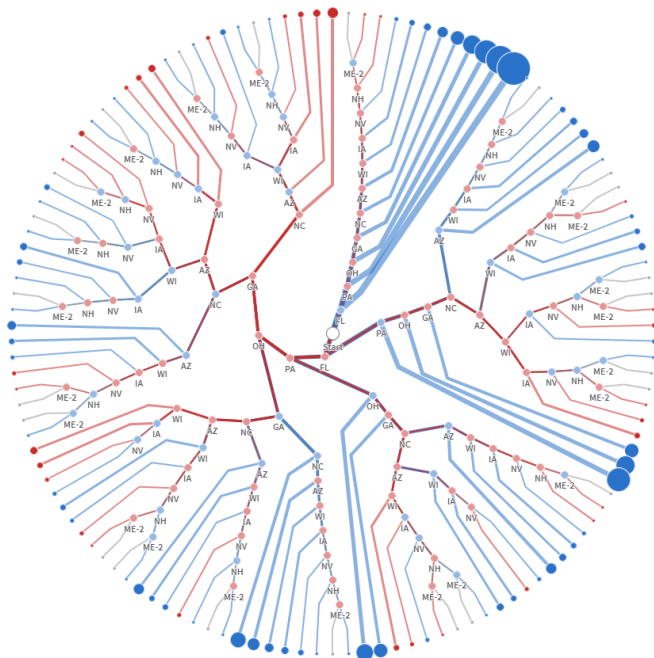
Main flag color per country



# Rank charts summarize and highlight trends over time.














A Radial Dendrogram starts at the center and the paths go to the periphery.





# Sparklines adds context, useful to show trend over time.

Country	Q	New cases per million at 12/16/2021	Weekly trend since 1/21/2020
Australia		95	
Austria		393	
Brazil		16	
Canada		136	
Denmark		1,304	
Finland		309	
France		751	
Germany		509	
Norway		879	
South Africa		386	
South Korea		134	

Source: Our World in Data.

Sometimes there is a need to provide more details to the chart, for instance the definitions and the source.

Bar chart

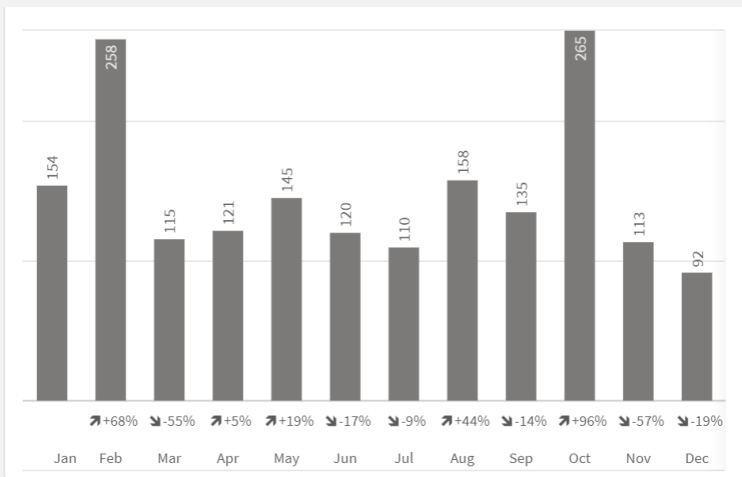
Help

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A bar chart or bar graph is a chart or graph that presents categorical data with rectangular bars with heights or lengths proportional to the values that they represent. The bars can be plotted vertically or horizontally. A vertical bar chart is sometimes called a column chart. [Wikipedia](#).



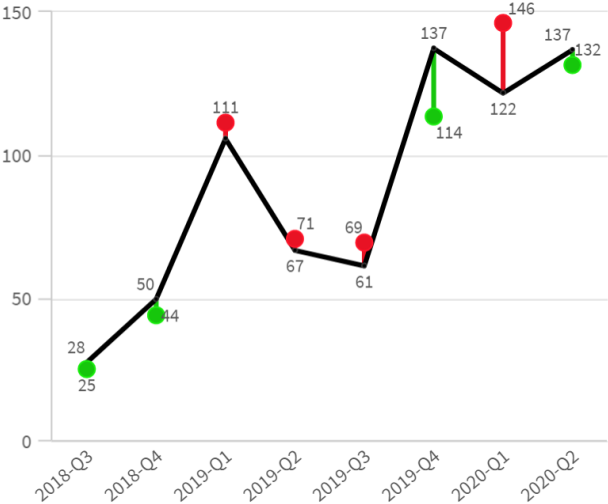
Placing variance on the x-axis helps the user to better grasp the change.



# Deviation Icicle Chart shows Actual - Forecast.

Deviation Icicle chart

Red square : Deviation, Green square : Actual



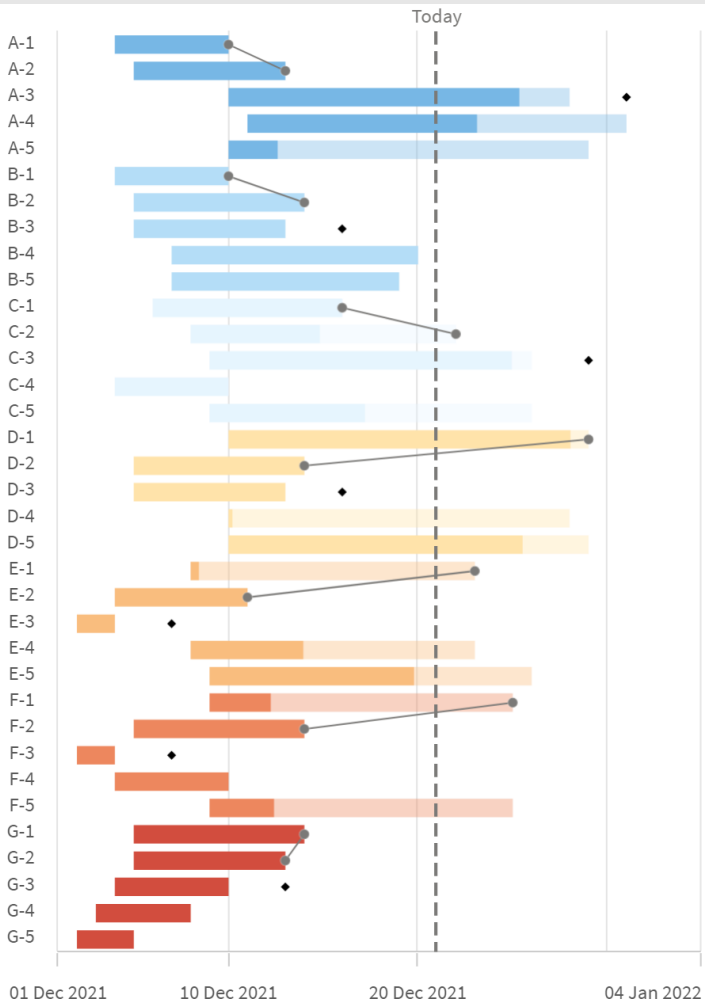

























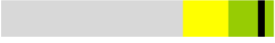




Table indicators are handy for setting the context such as rank, trend and classification.

## With Indicators

Category 	Sales	Var	Discount%
Babywear 	140	9 	7.1% 
Bath Clothes	 50	1 	5.6% 
Children ´s wear	85	15 	3.7% 
Ladies ´Footwear	148	9 	4.7% 
Men ´s Clothes	139	13 	7.2% 
Men ´s Footwear	251	-30 	7.3% 
Sportwear	292	11 	6.2% 
Womens wear	 681	-76 	5.7% 

Custom mini charts are easy to make with SVG. A few lines produces the images below.

Category	Q	Sales/Forecast	%
Babywear		94%	
Bath Clothes		99%	
Children ´s wear		85%	
Ladies ´ Footwear		94%	
Men ´s Clothes		92%	
Men ´s Footwear		113%	
Sportwear		96%	
Womens wear		112%	

# Charts in tooltips for overview first and details on demand.

