

Exploring Specialized Visuals for Categorical Data



Carlos Gutierrez

SOFTWARE ENGINEER, DATA ANALYST



Overview



General

- Funnel
- Waterfall
- Radar

Hierarchical

- Sunburst
- Treemap

Statistical

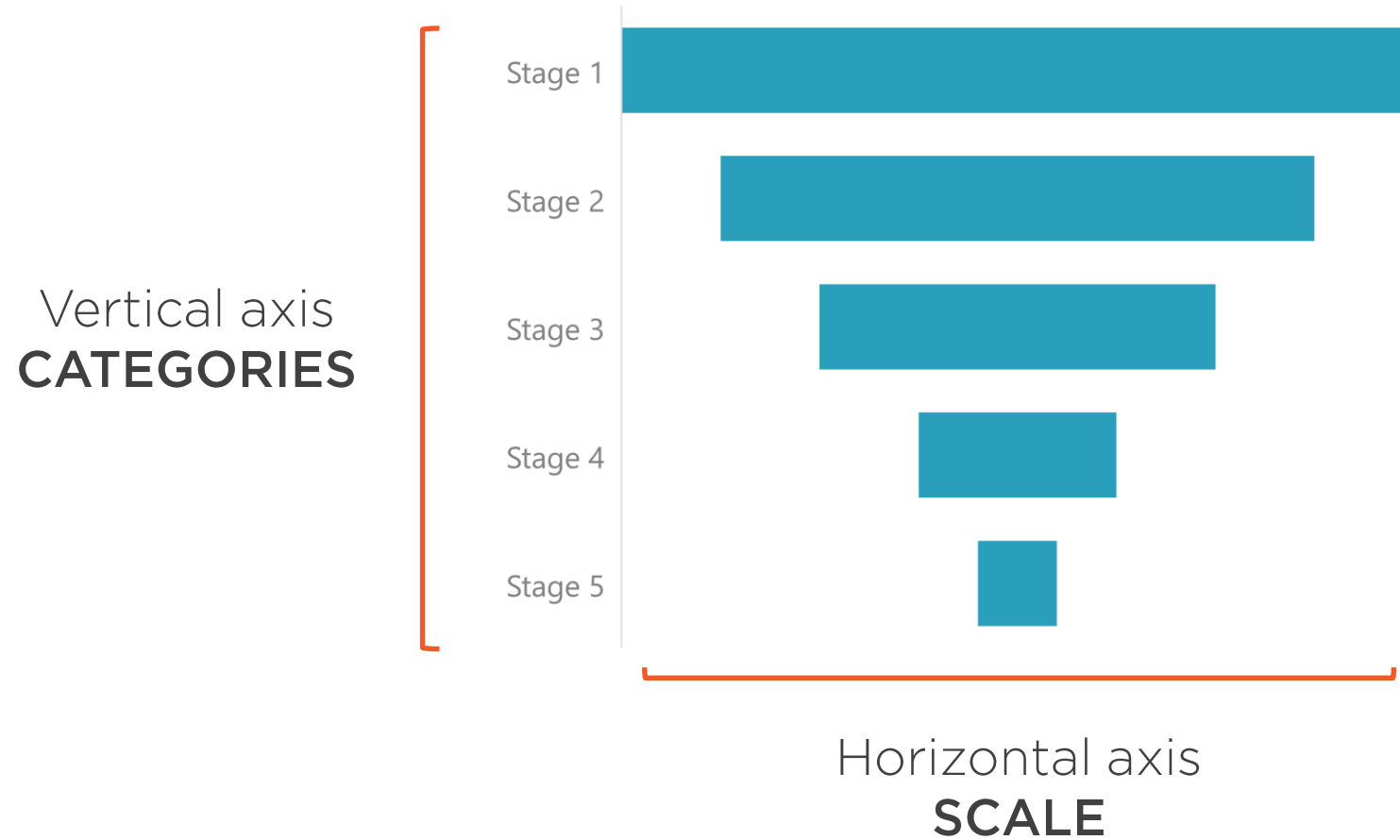
- Box & Whisker

Special

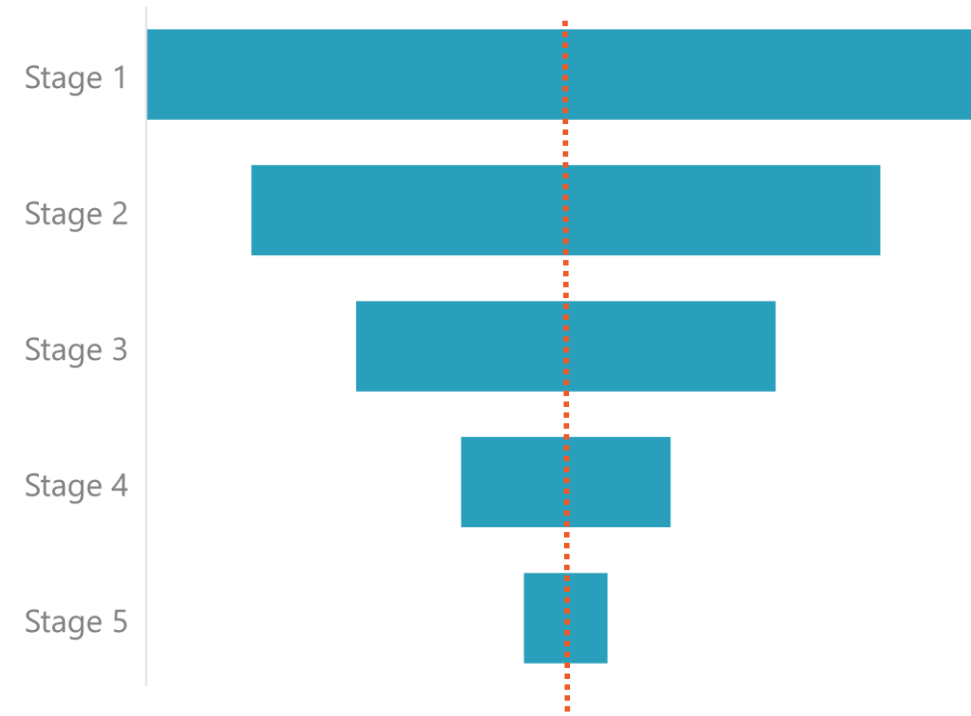
- Stock



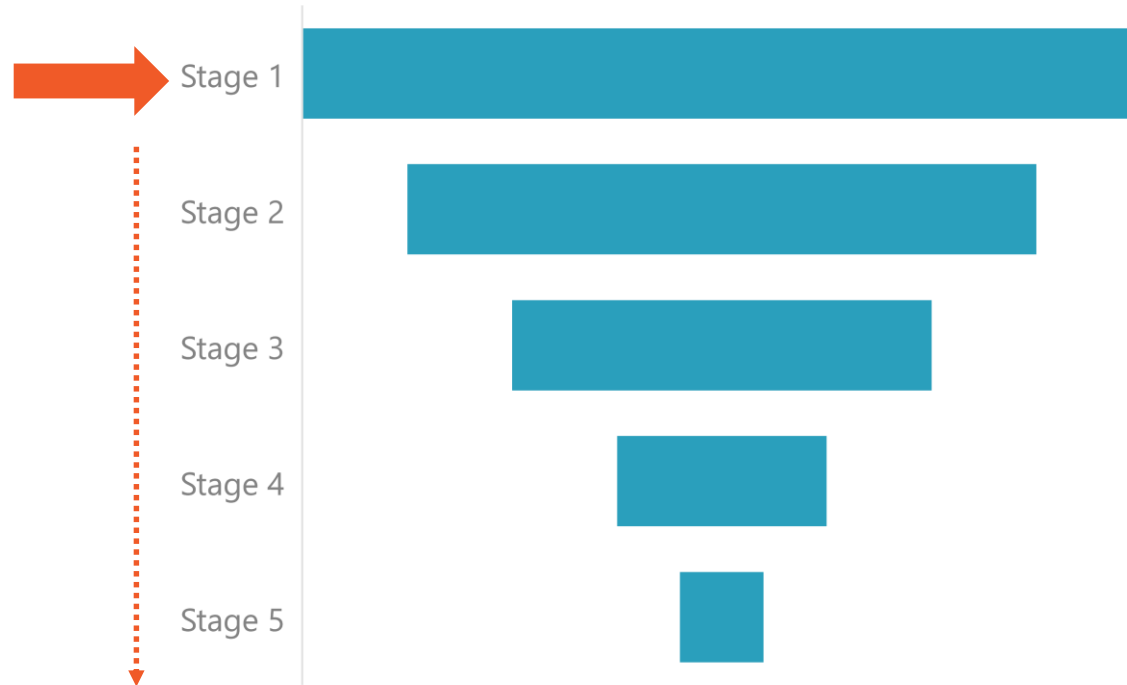
Funnel Chart



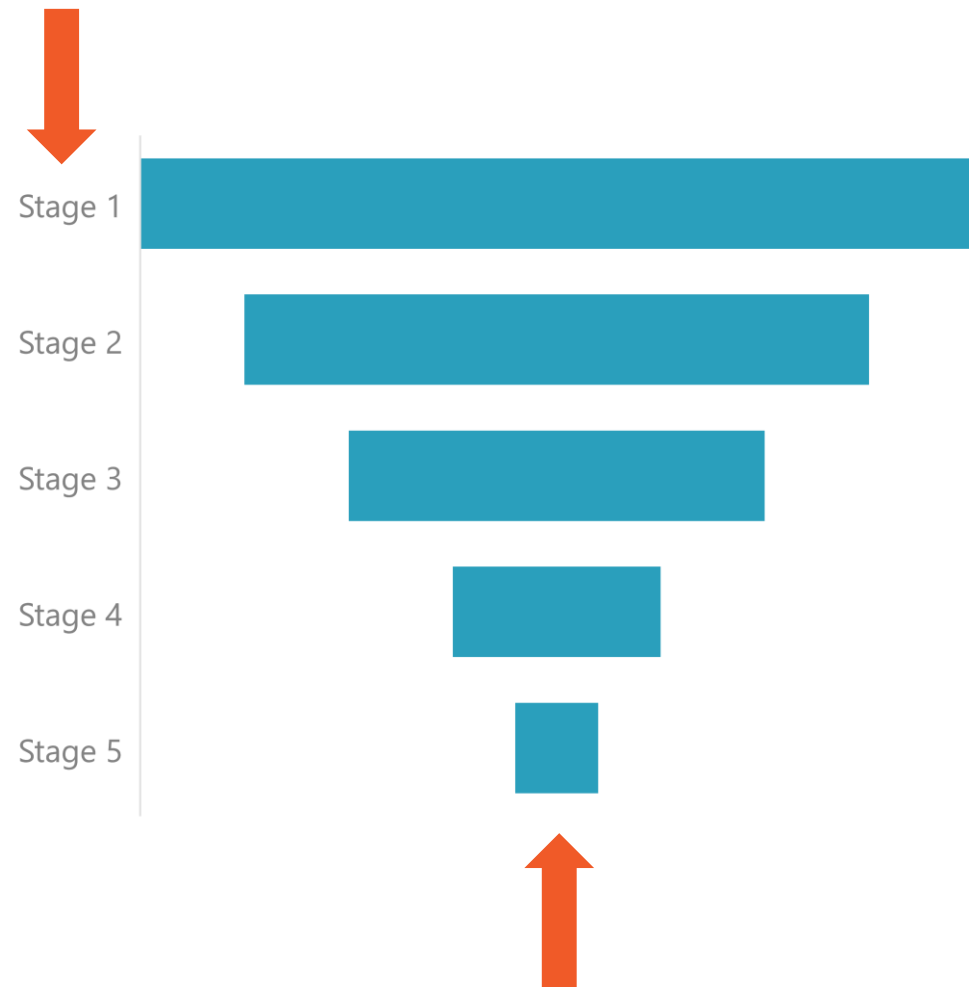
Funnel Chart



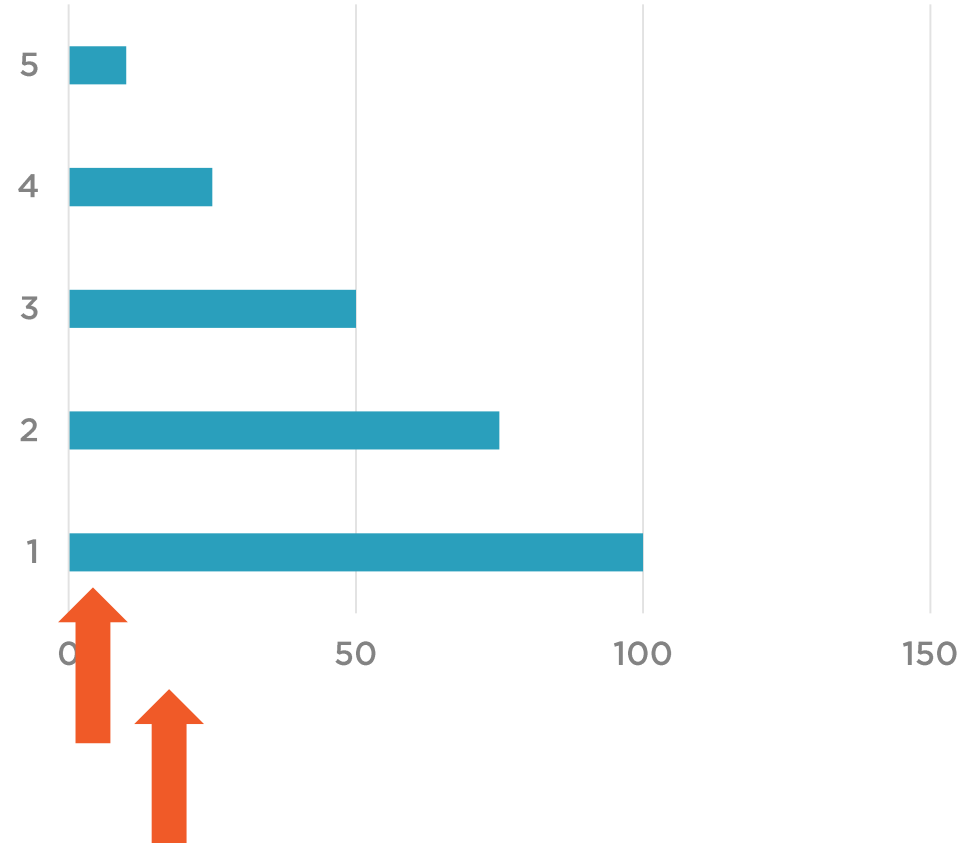
Funnel Chart



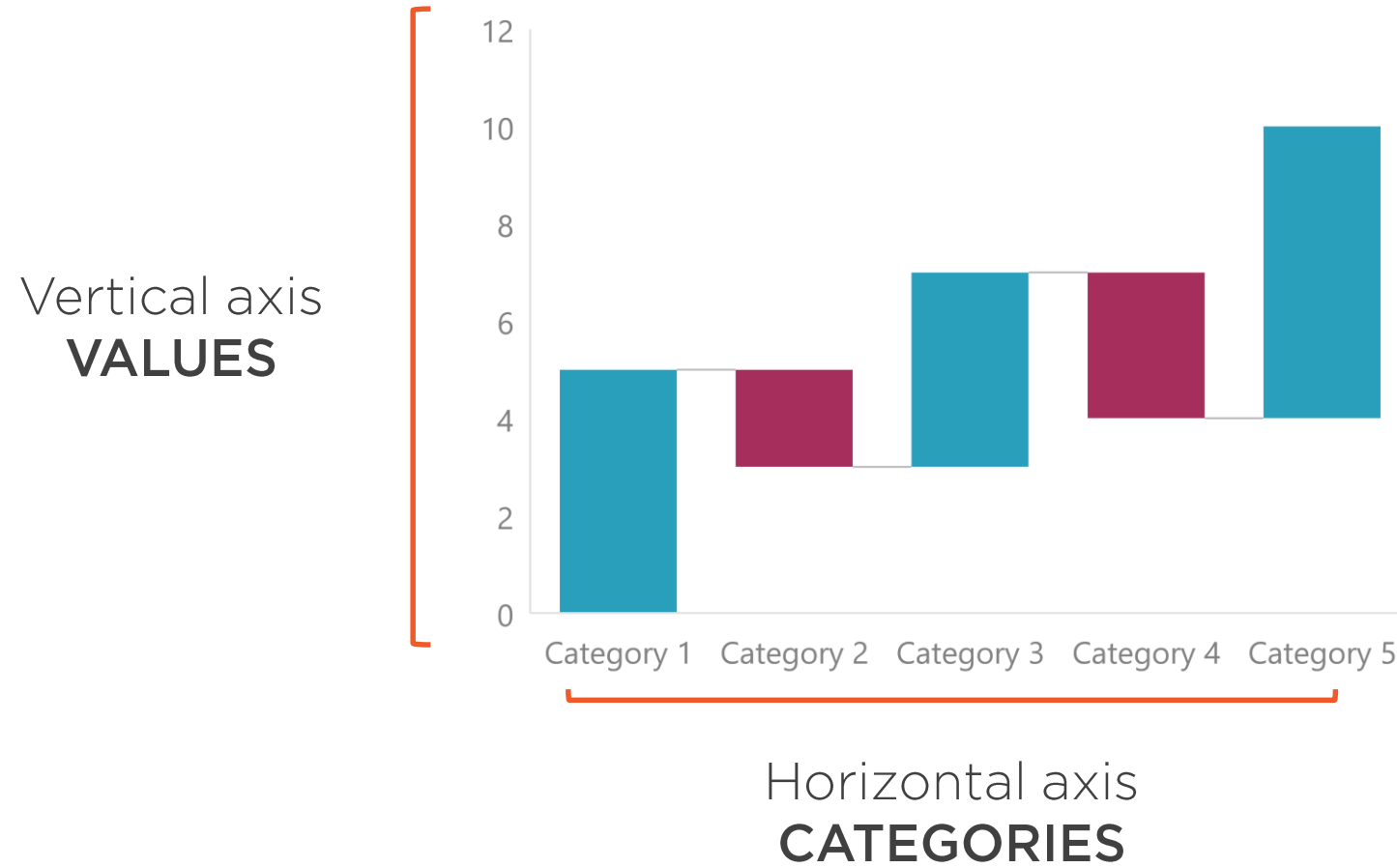
Funnel Chart



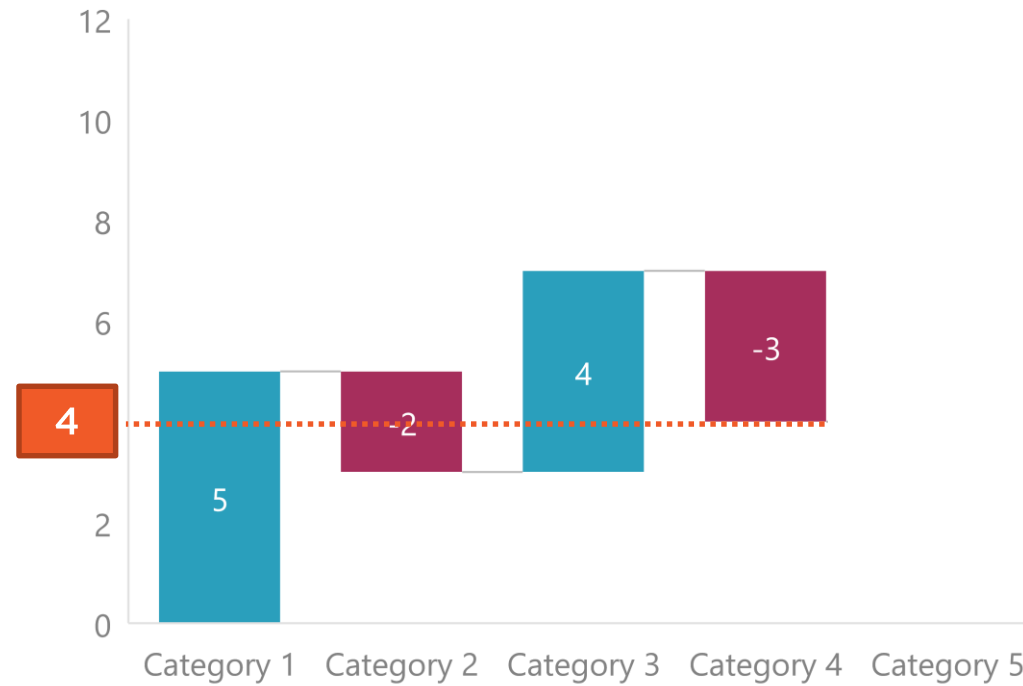
Bar Chart



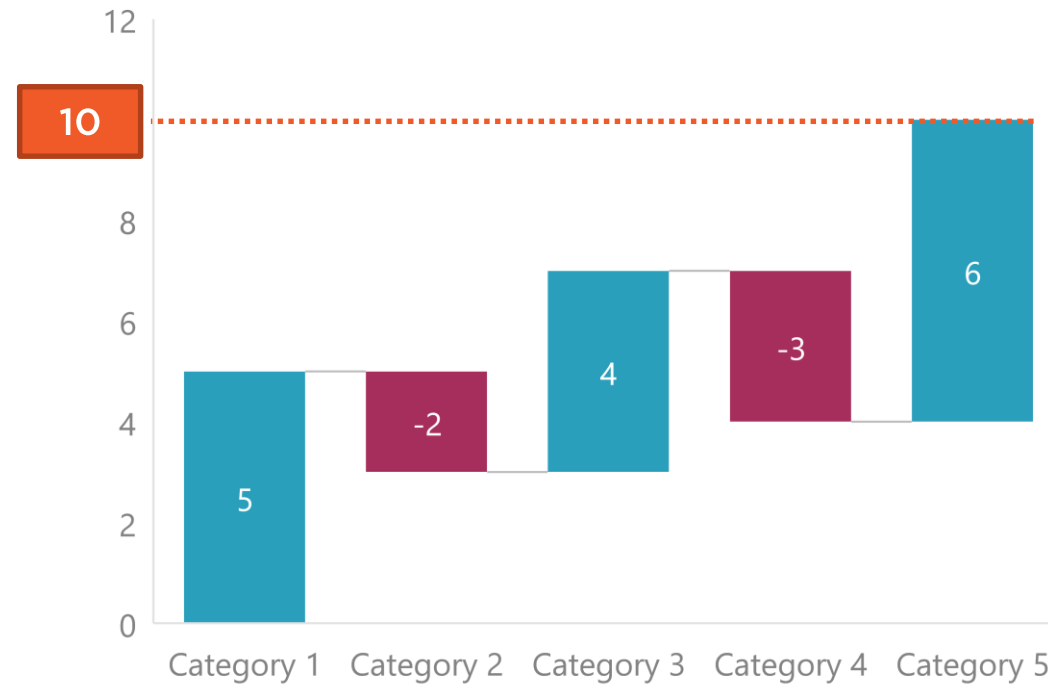
Waterfall Chart



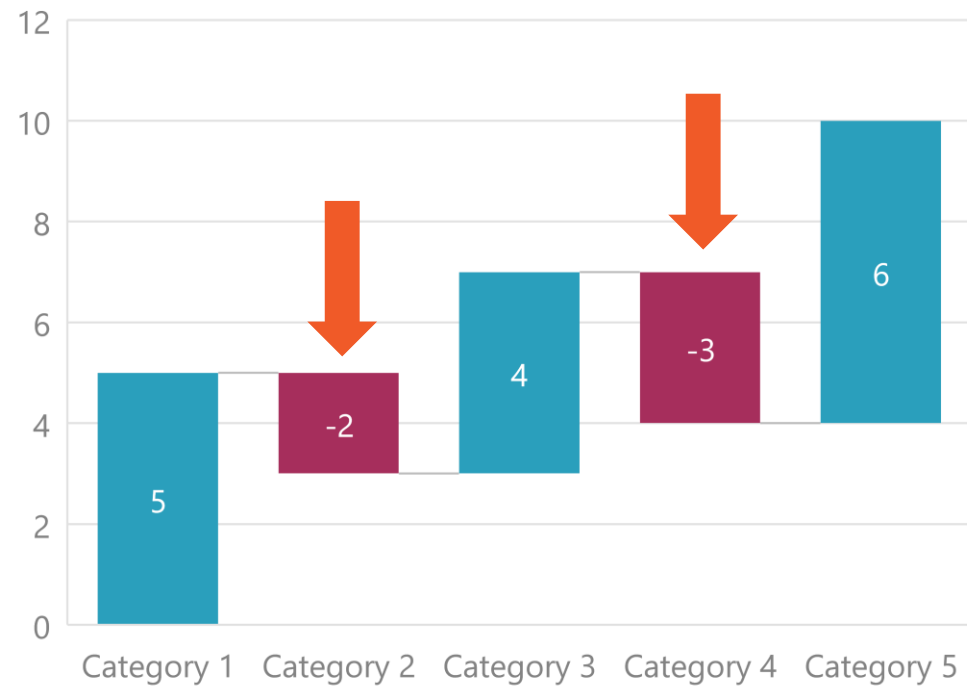
Waterfall Chart



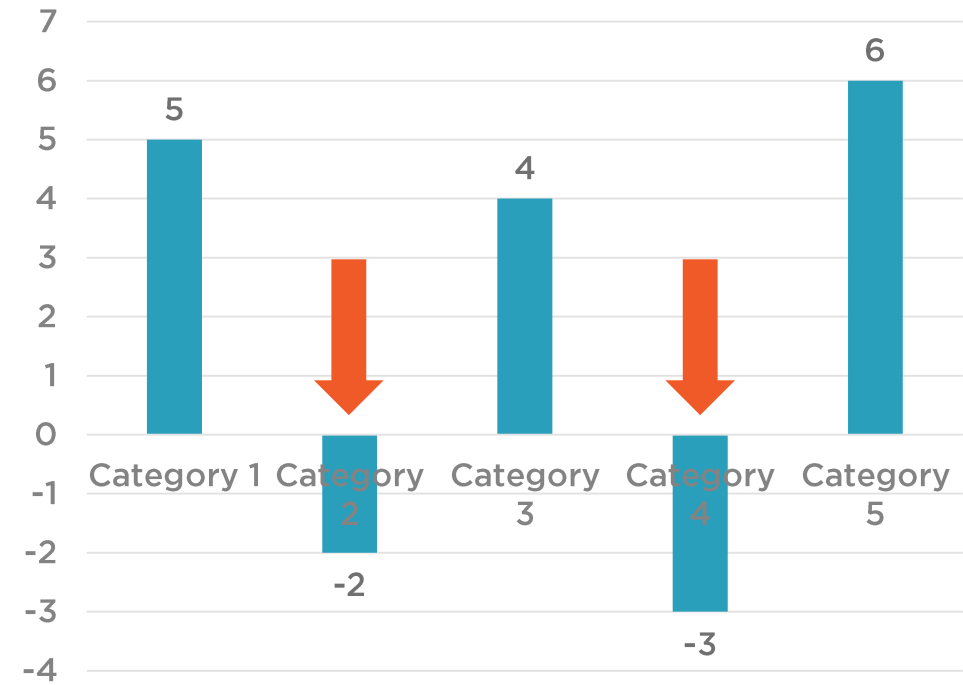
Waterfall Chart



Waterfall Chart



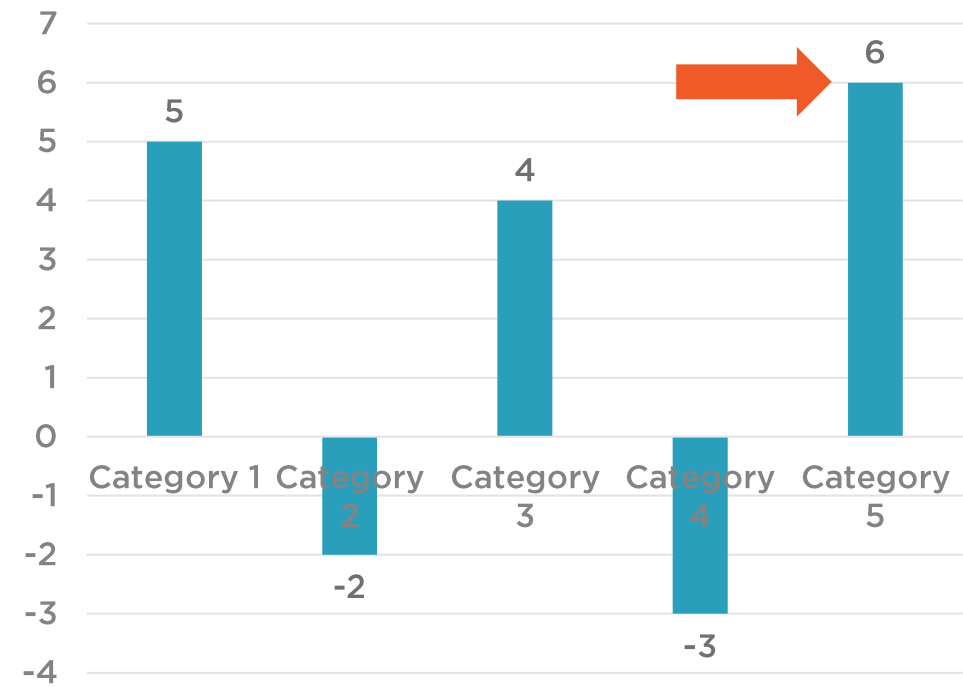
Column Chart



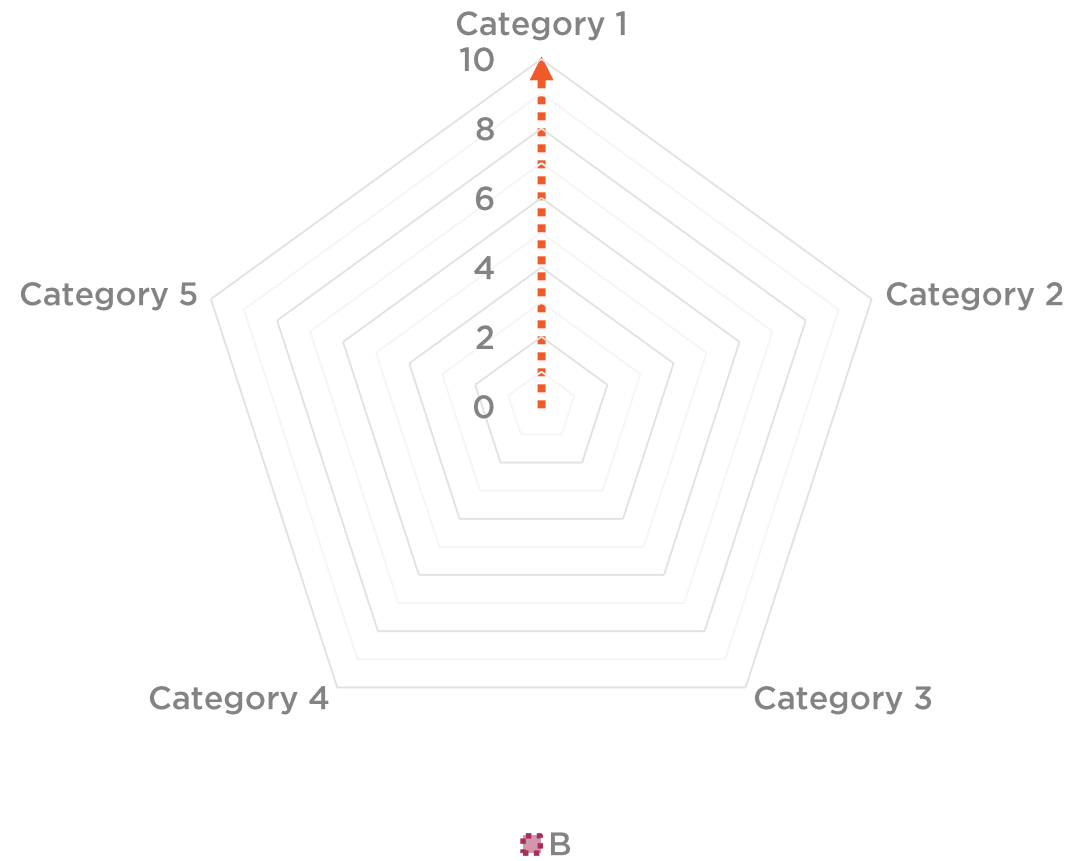
Waterfall Chart



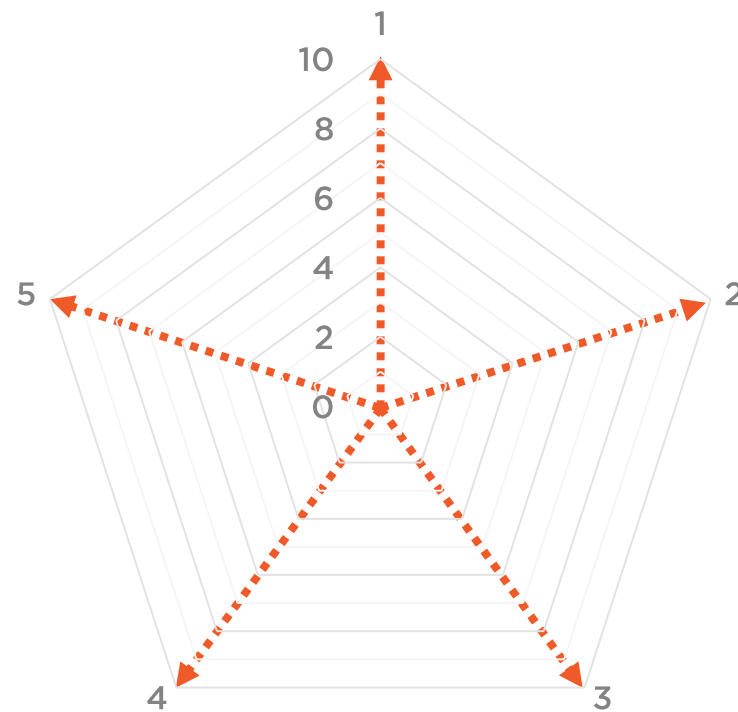
Column Chart



Radar Chart



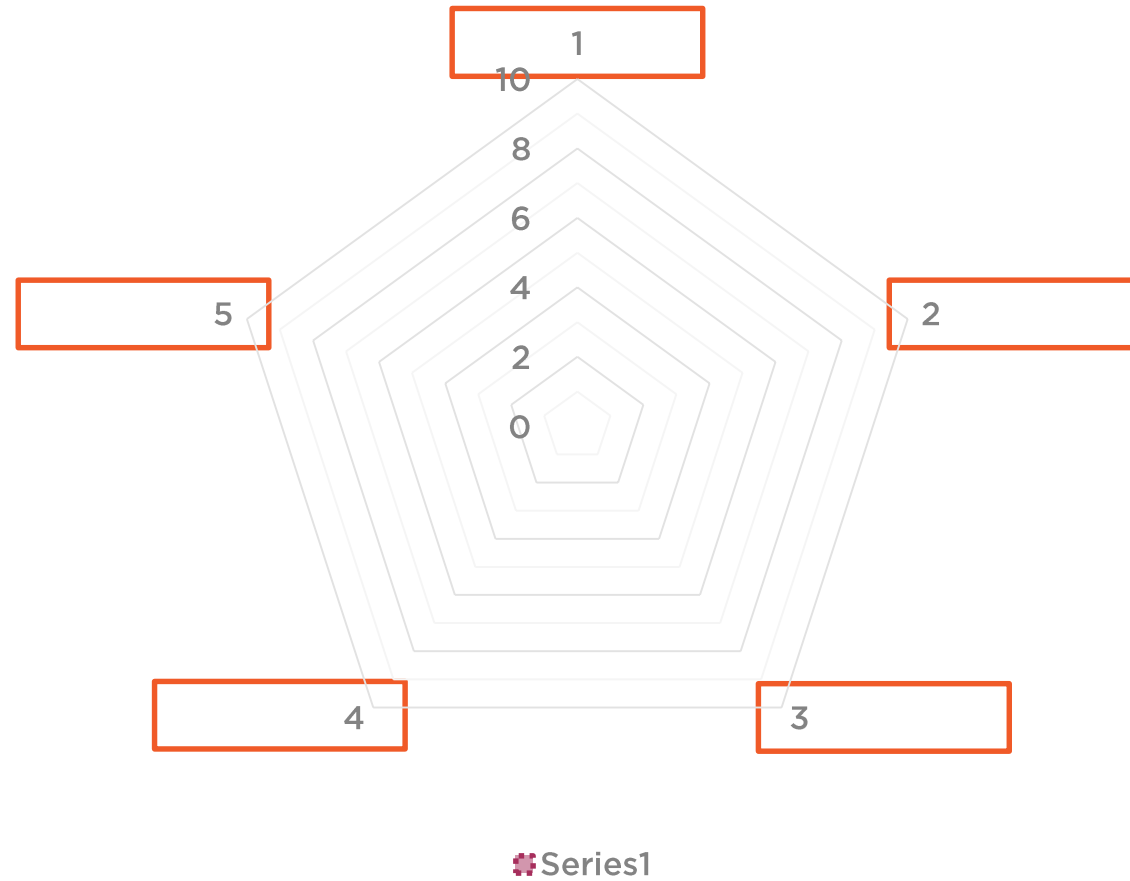
Radar Chart



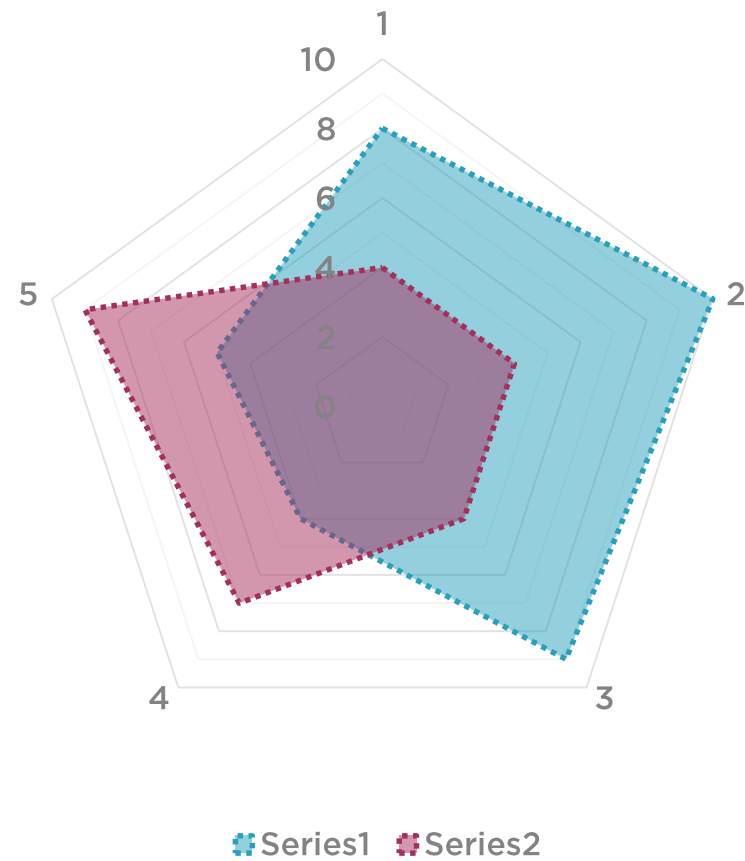
Series1



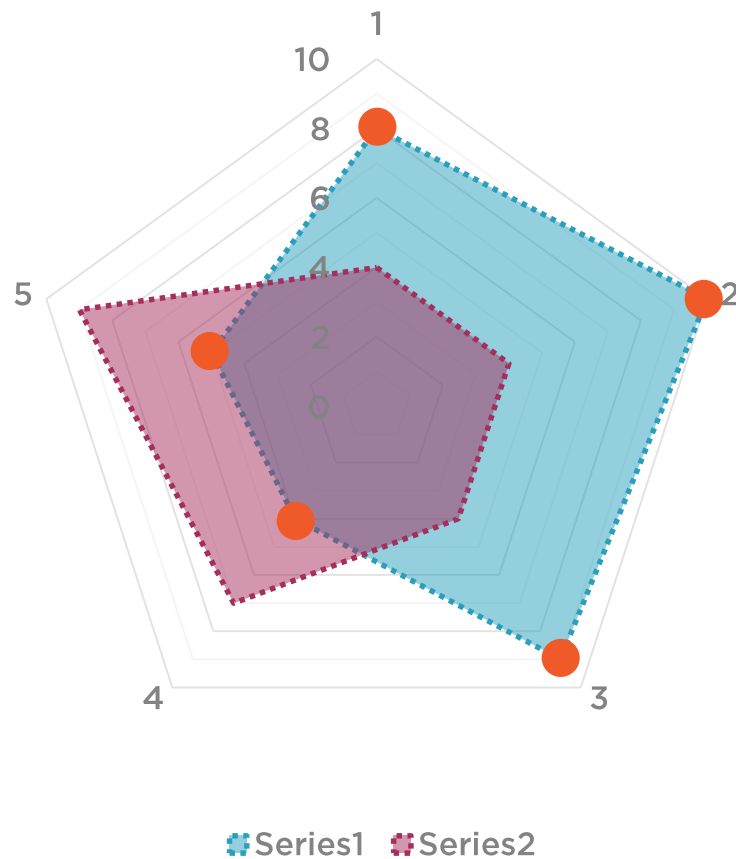
Radar Chart



Radar Chart



Radar Chart



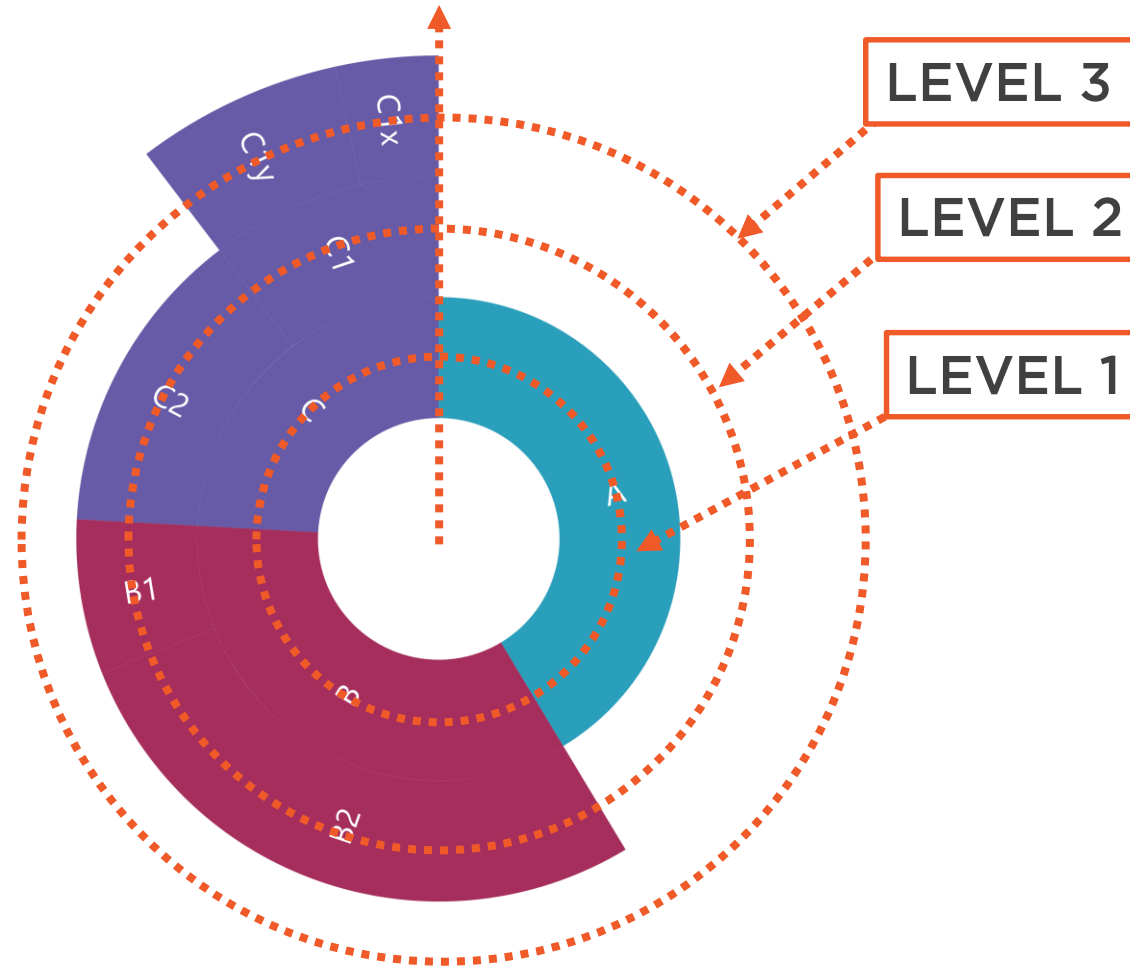
Name	A	B
Category 1	8	4
Category 2	10	4
Category 3	9	4
Category 4	4	7
Category 5	5	9



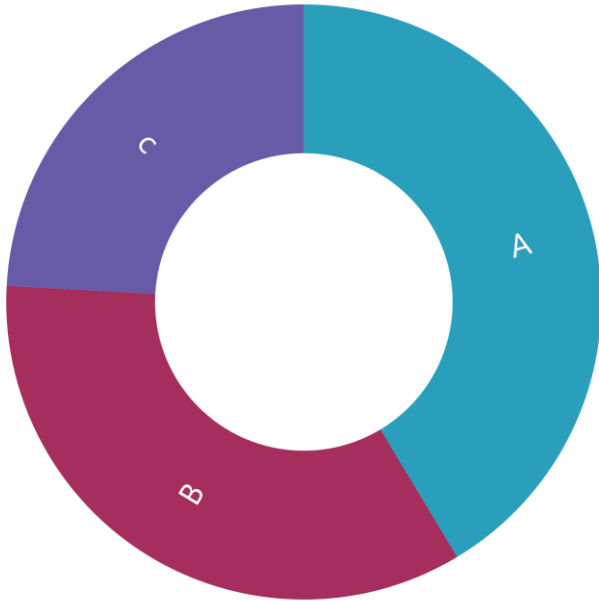
Hierarchical Charts



Sunburst Chart



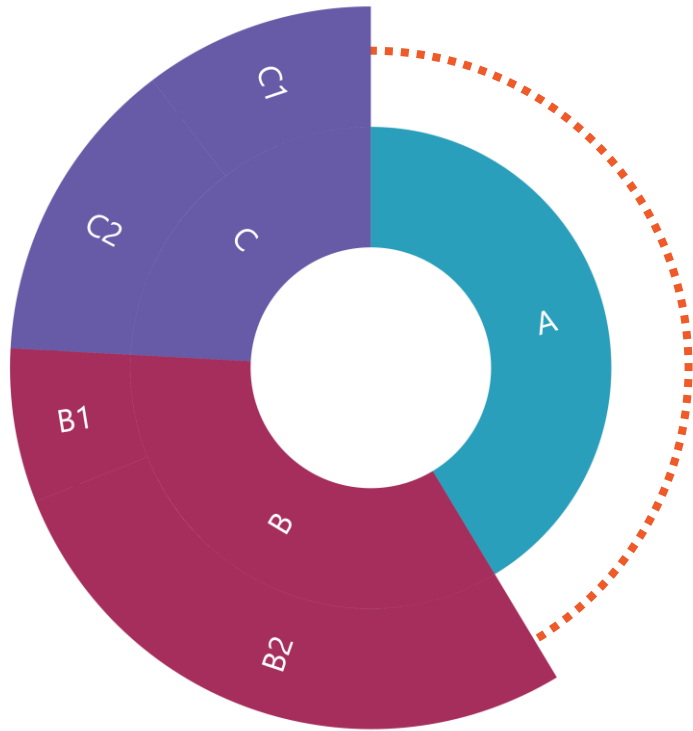
Sunburst Chart



LEVEL 1	LEVEL 2	LEVEL 3	VALUE
A			60
B			50
C			35



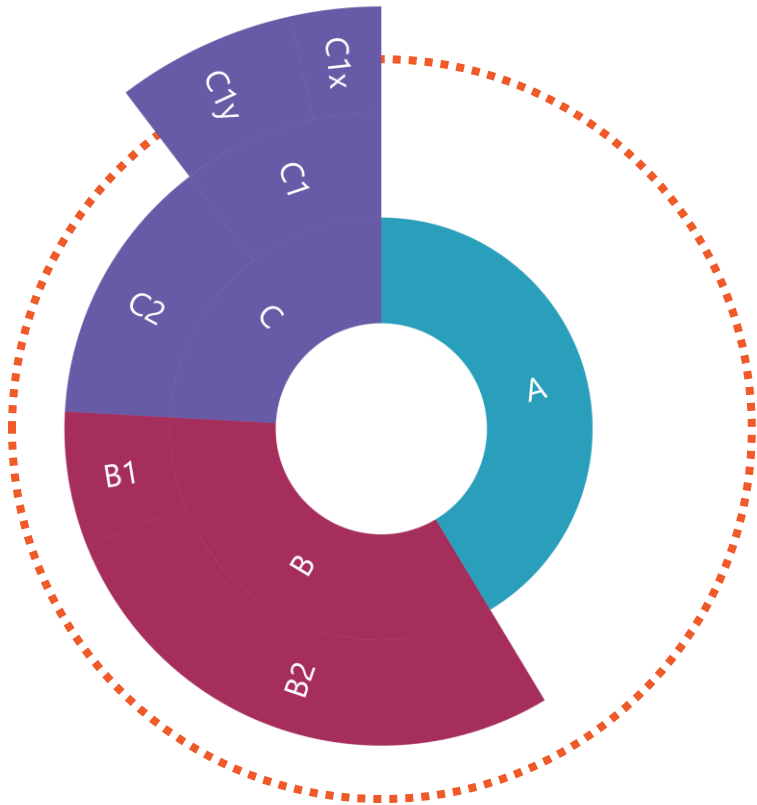
Sunburst Chart



LEVEL 1	LEVEL 2	LEVEL 3	VALUE
A			60
B	B1		10
	B2		40
C	C1		15
	C2		20



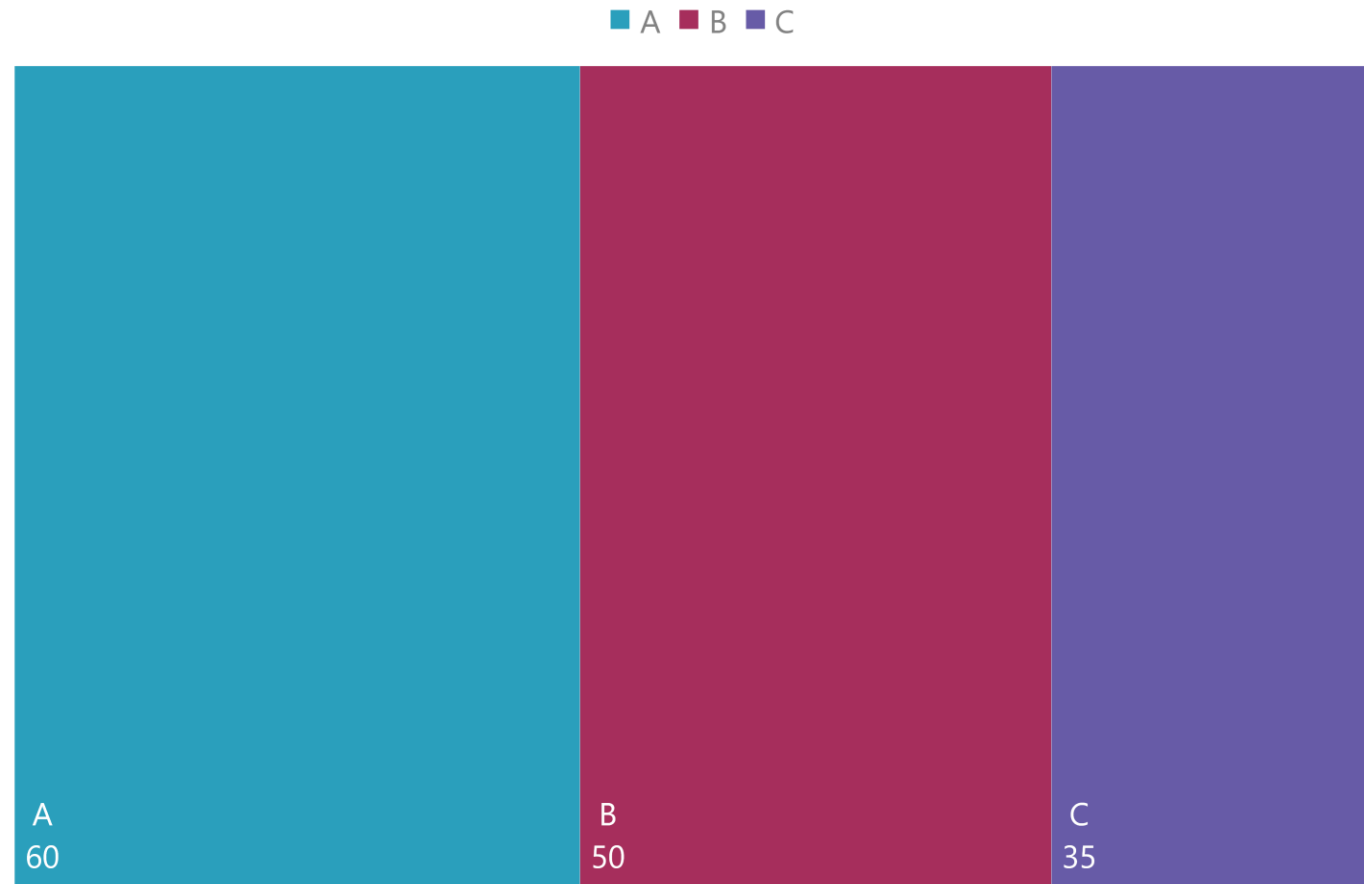
Sunburst Chart



LEVEL 1	LEVEL 2	LEVEL 3	VALUE
A			60
B	B1		10
	B2		40
C	C1	C1x	5
		C1y	10
	C2		20



Treemap Chart



LEVEL 1



Treemap Chart



Treemap Chart

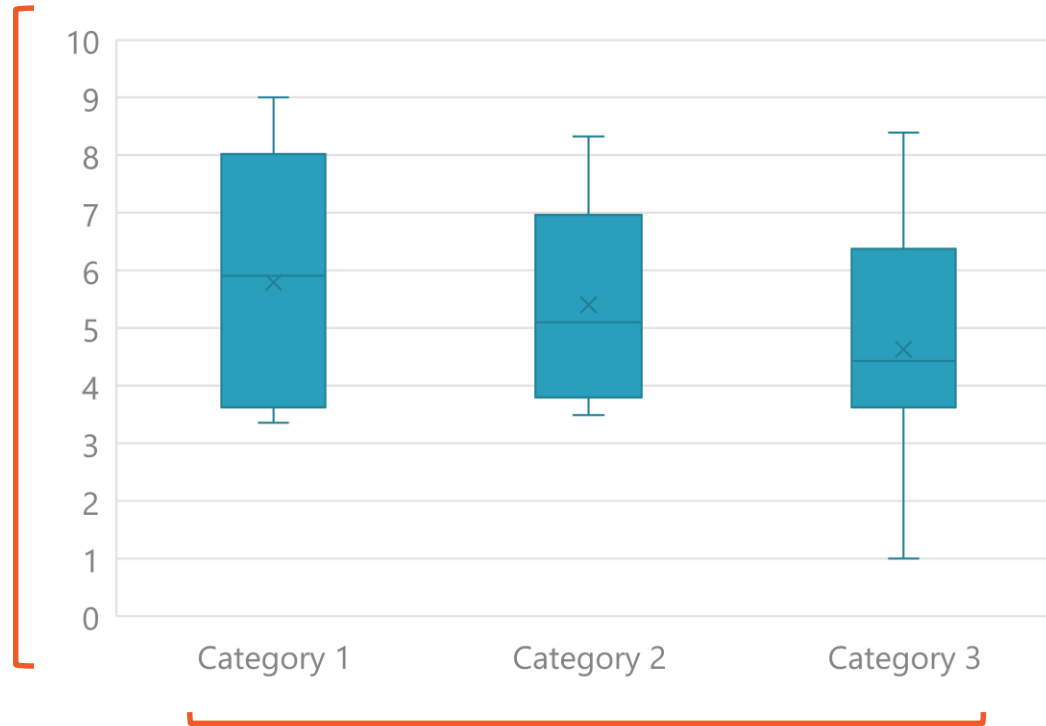


Statistical Charts



Box & Whisker Chart

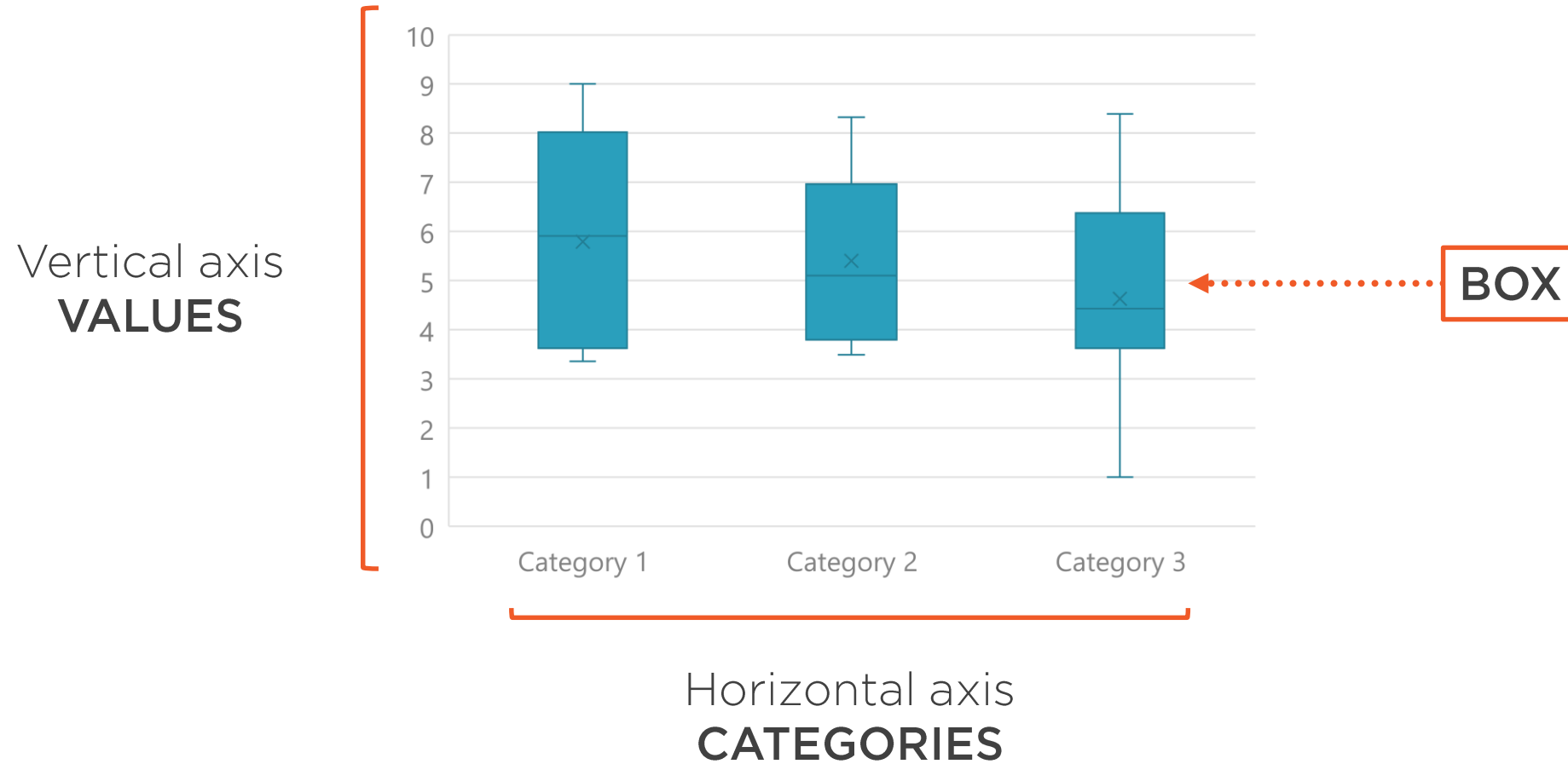
Vertical axis
VALUES



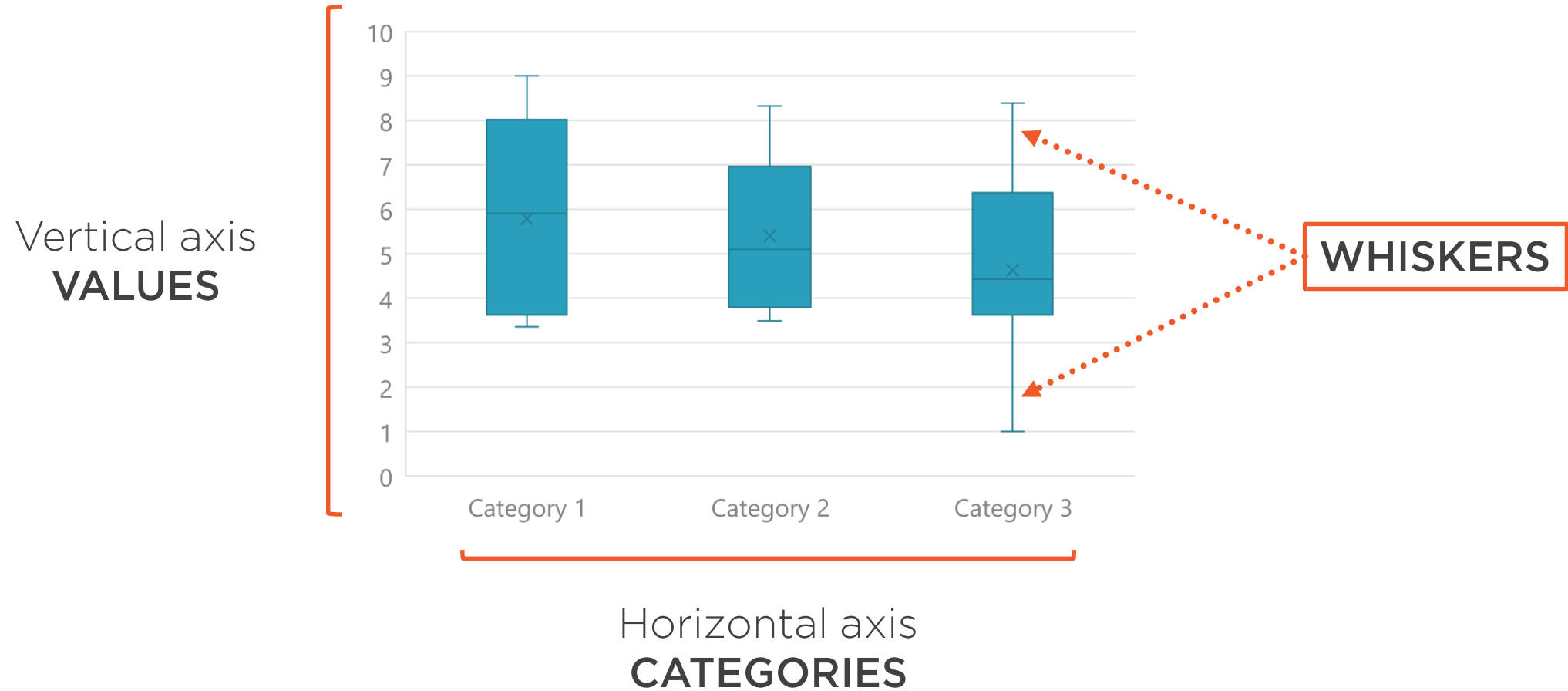
Horizontal axis
CATEGORIES



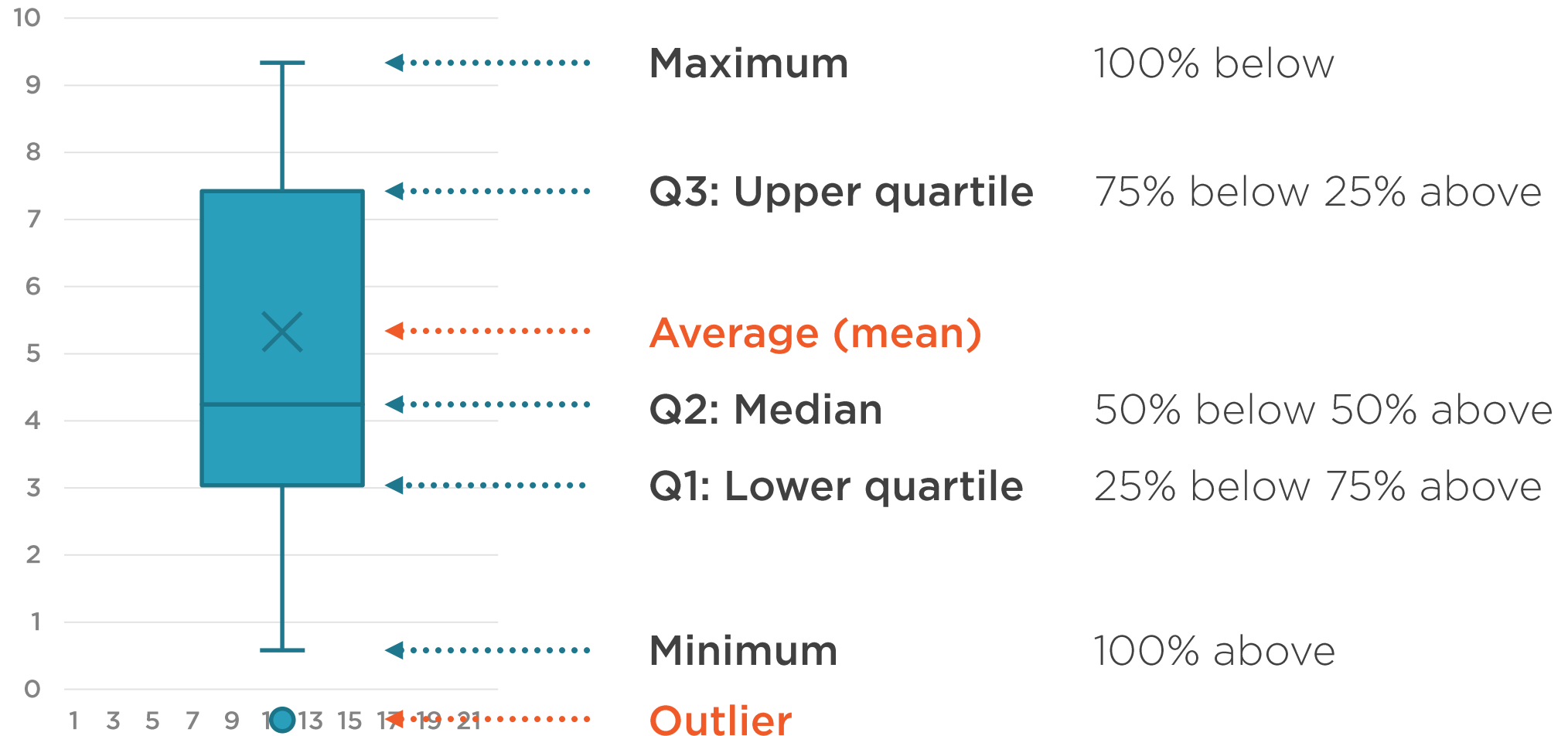
Box & Whisker Chart



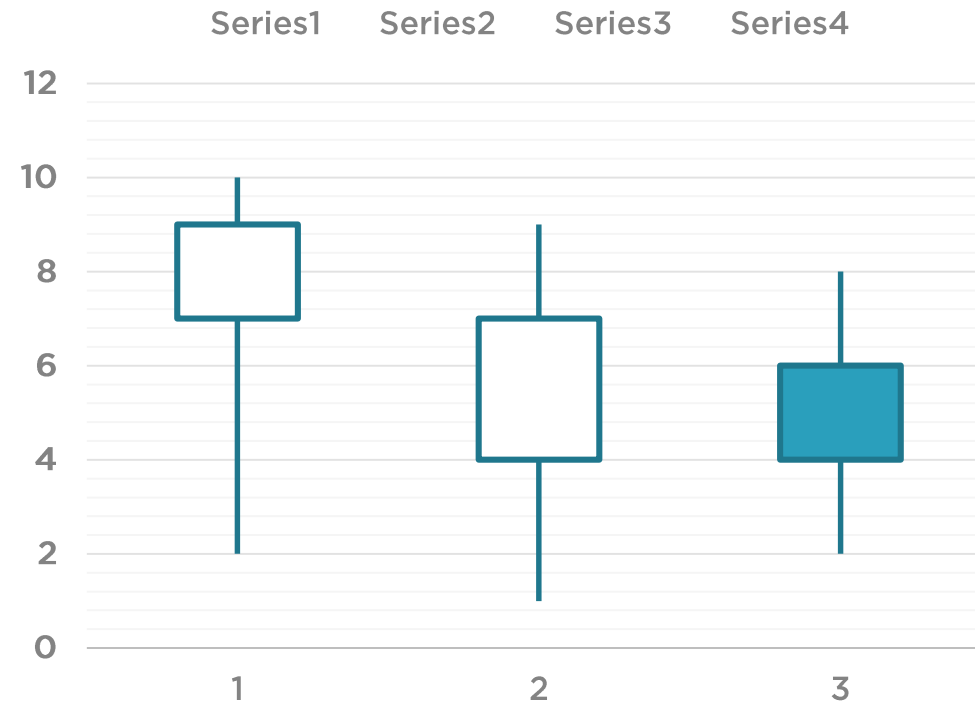
Box & Whisker Chart



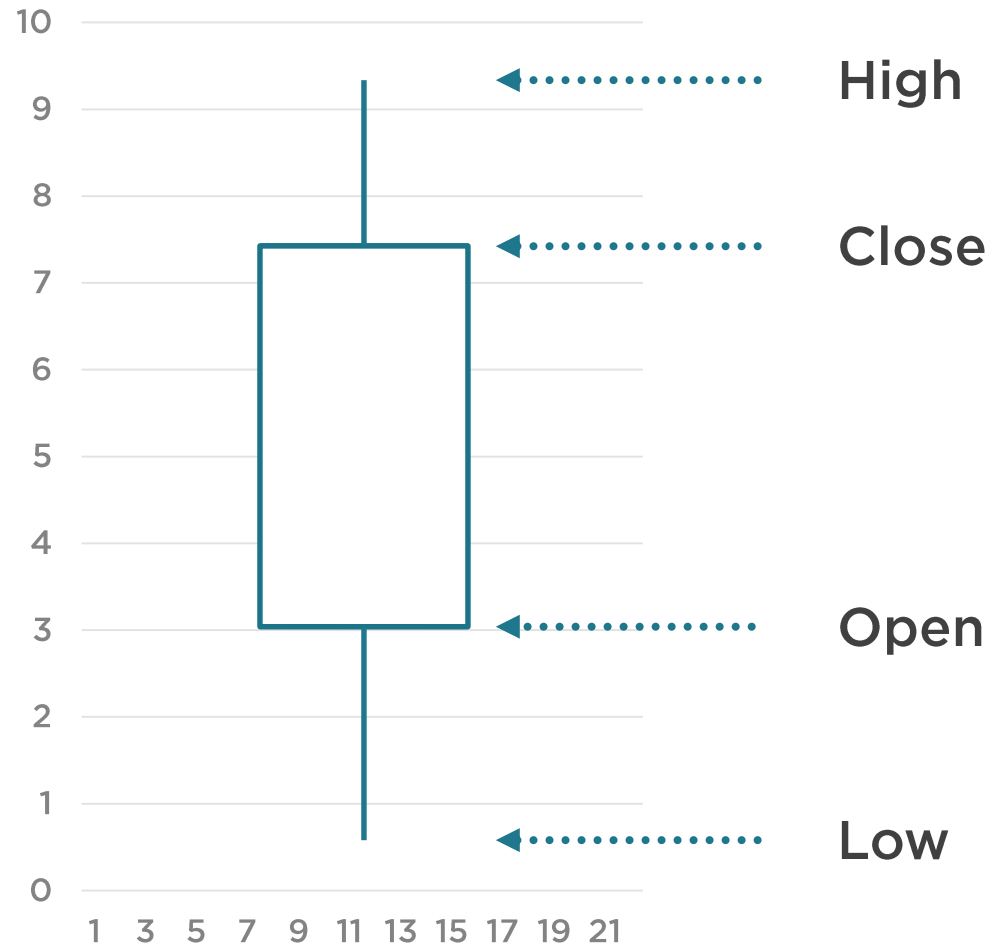
Box & Whisker Chart



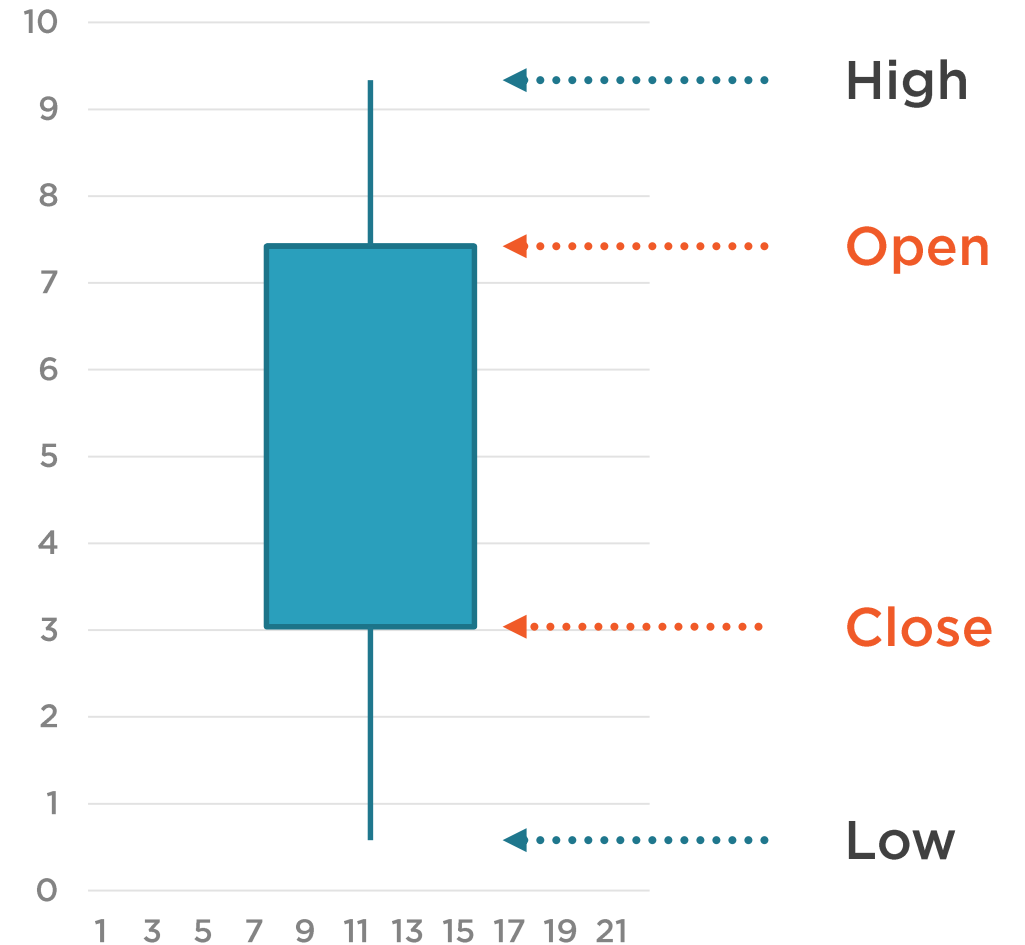
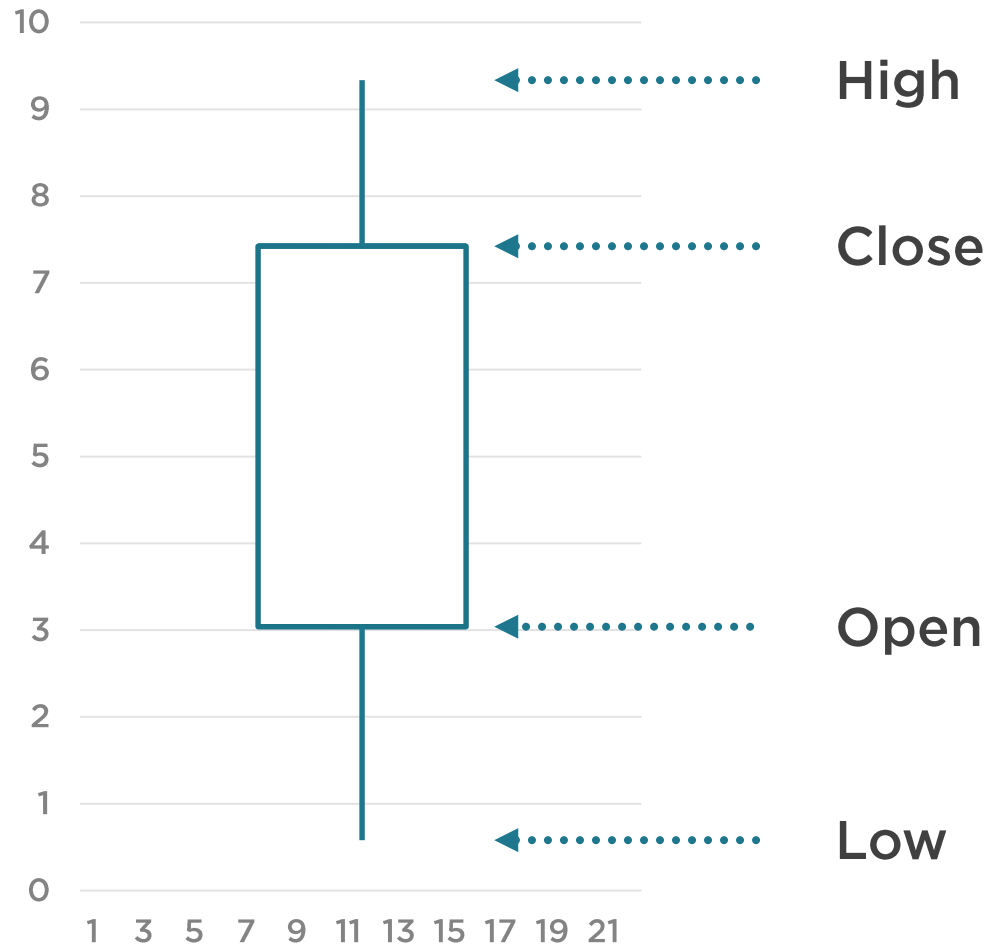
Stock Chart



Stock Chart



Stock Chart

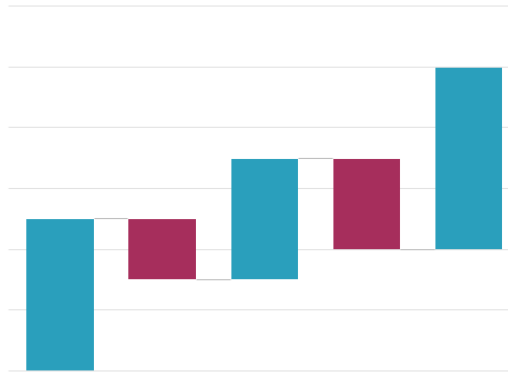


Summary - Categorical



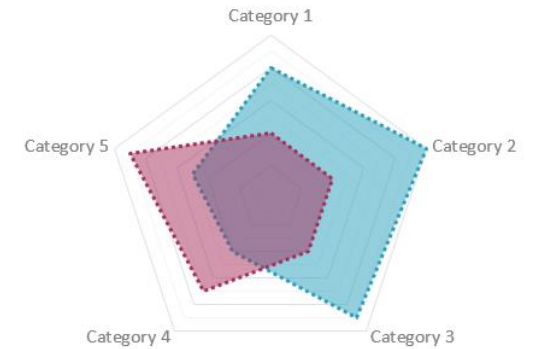
Funnel

Stages in a process



Waterfall

Running total



Radar

Area and weighting

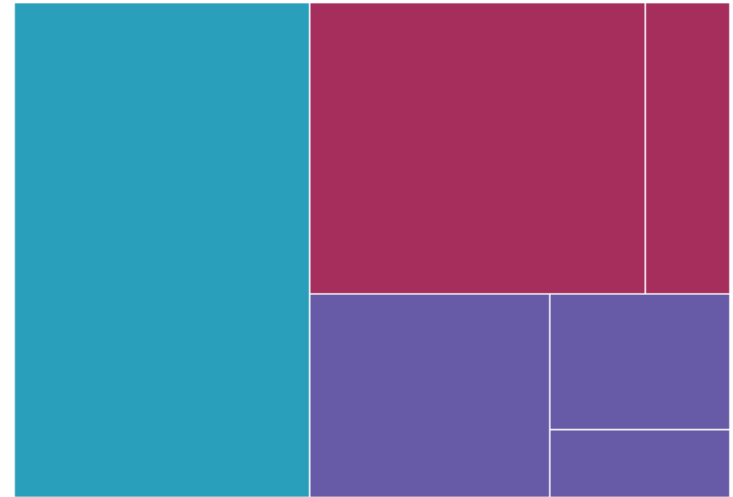


Summary - Hierarchical



Sunburst

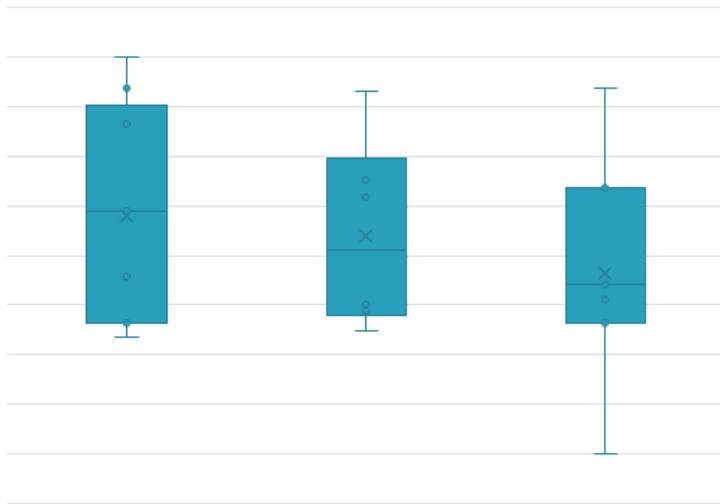
Radial, relative proportions



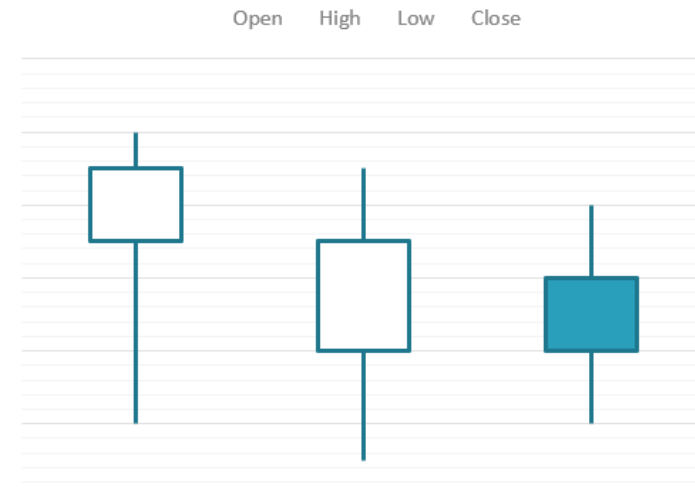
Treemap

Rectangular, overall proportion

Summary - Aggregations



Box and Whisker
Statistical summary



Stock
Pricing analysis

