

Visualization options

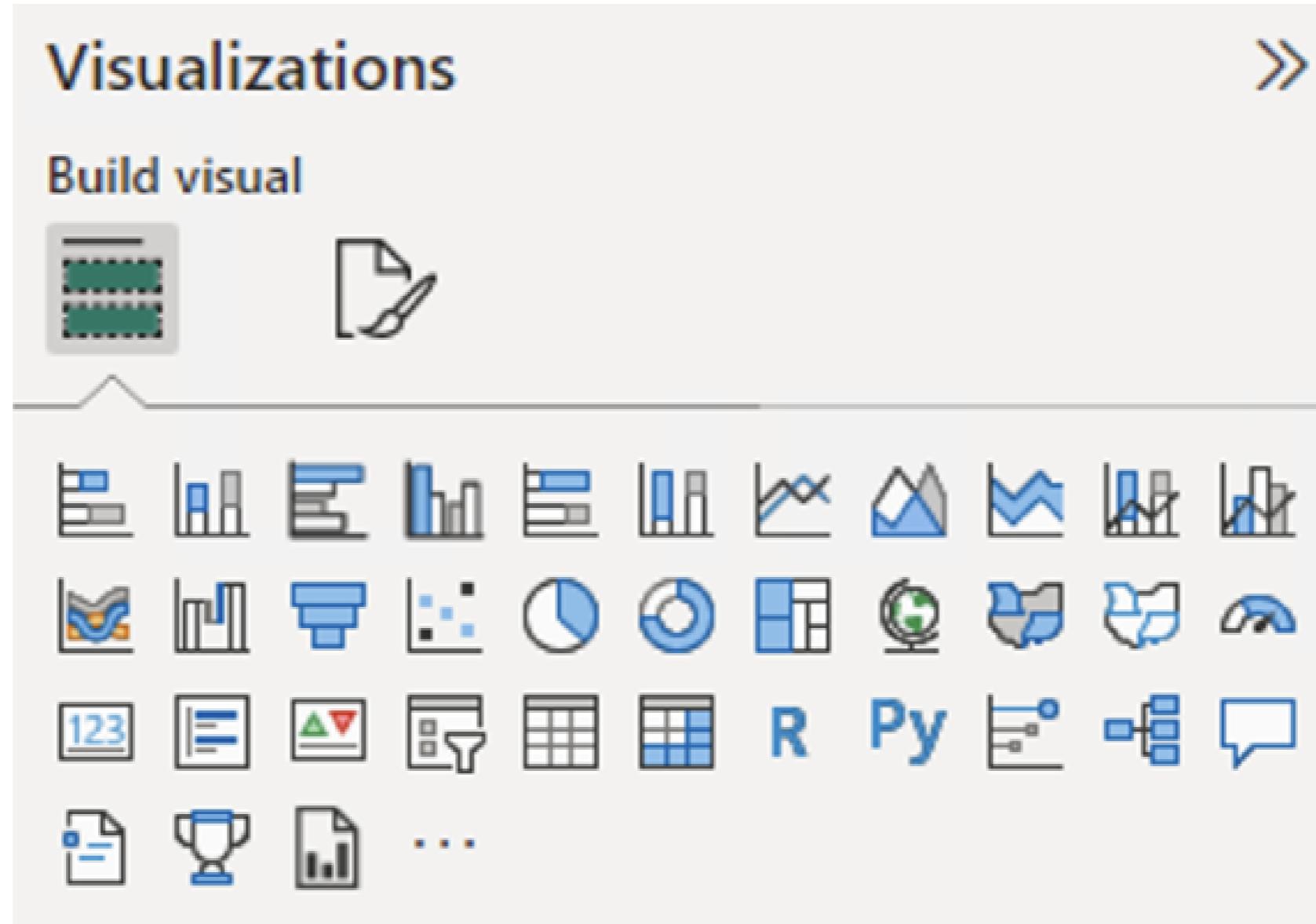
INTRODUCTION TO POWER BI



Sara Billen

Senior Data Analyst, DataCamp

Visualization types

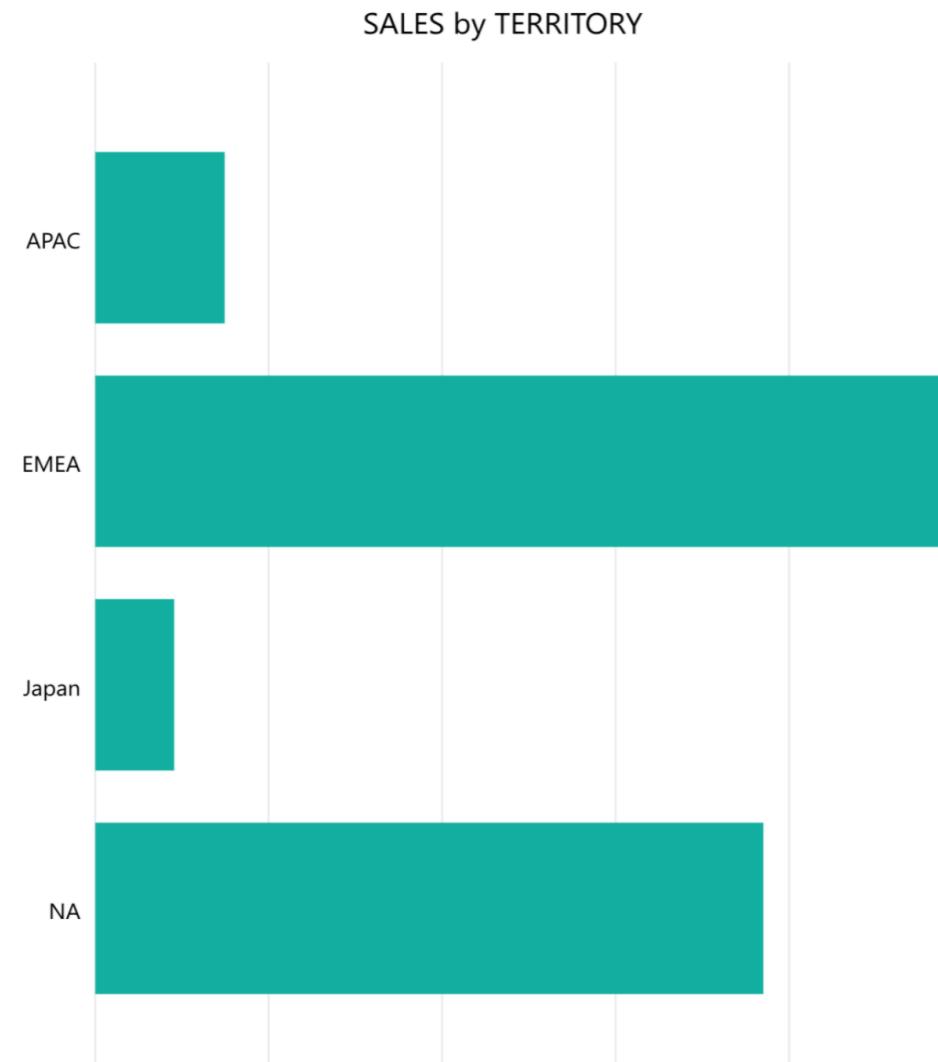


¹ <https://learn.datacamp.com/courses/data-visualization-for-everyone>

Column and bar charts

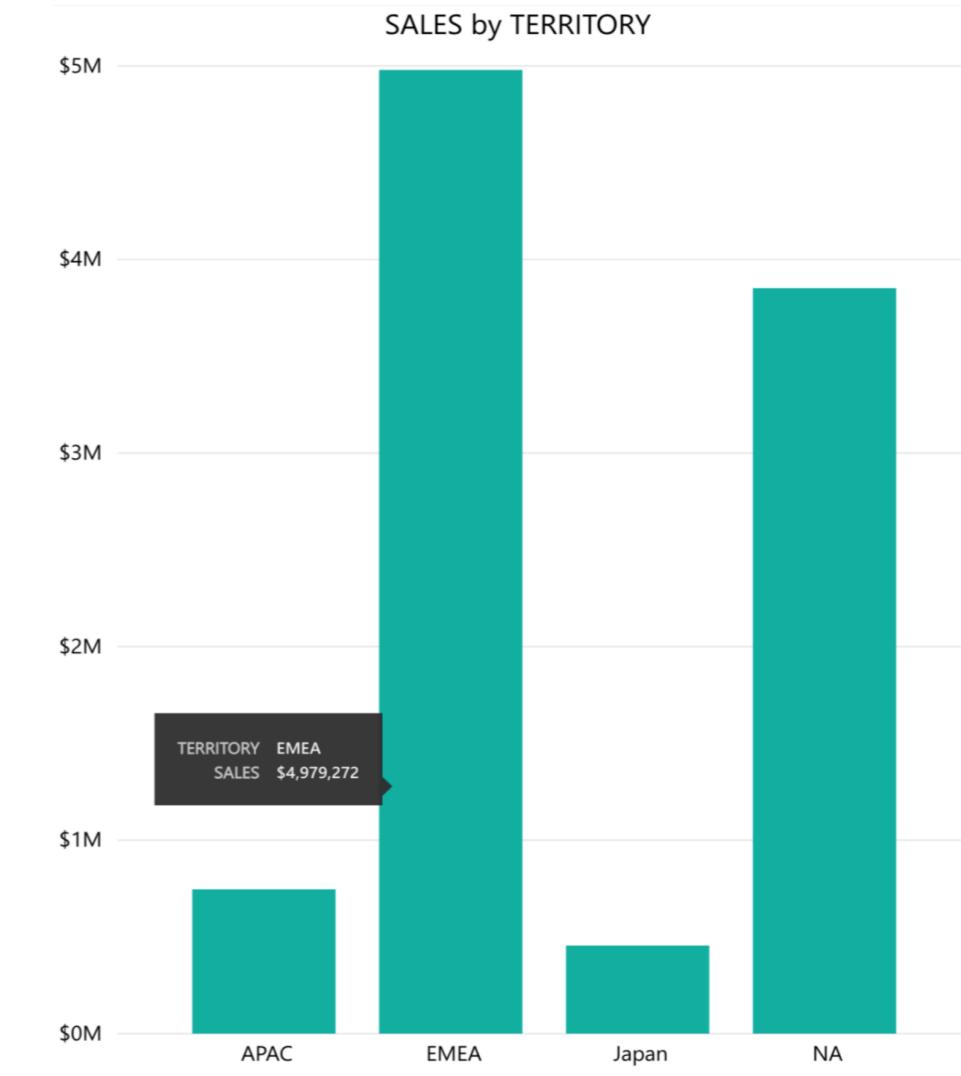
Bar chart

- Horizontal rectangles



Column chart

- Vertical rectangles

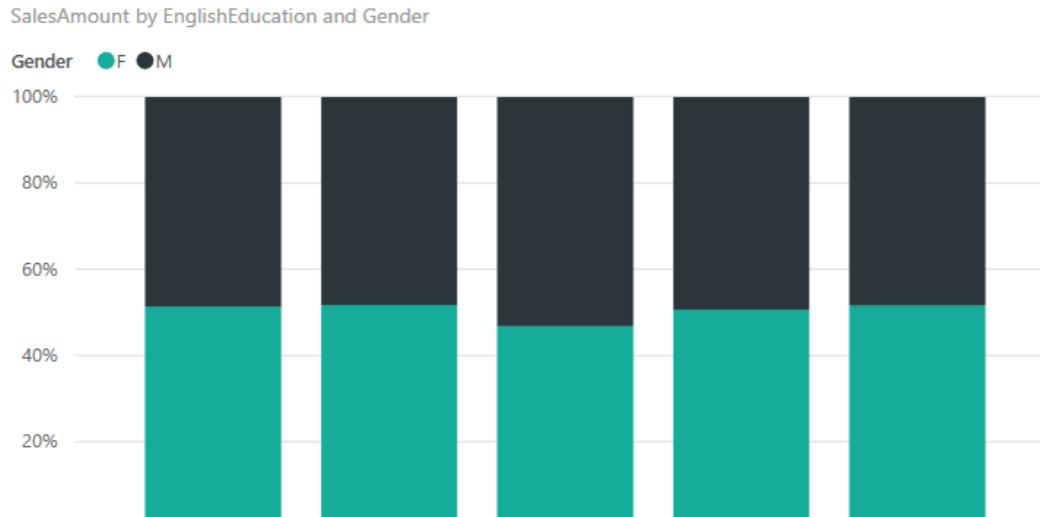


Column and bar charts

Stacked bar and column chart



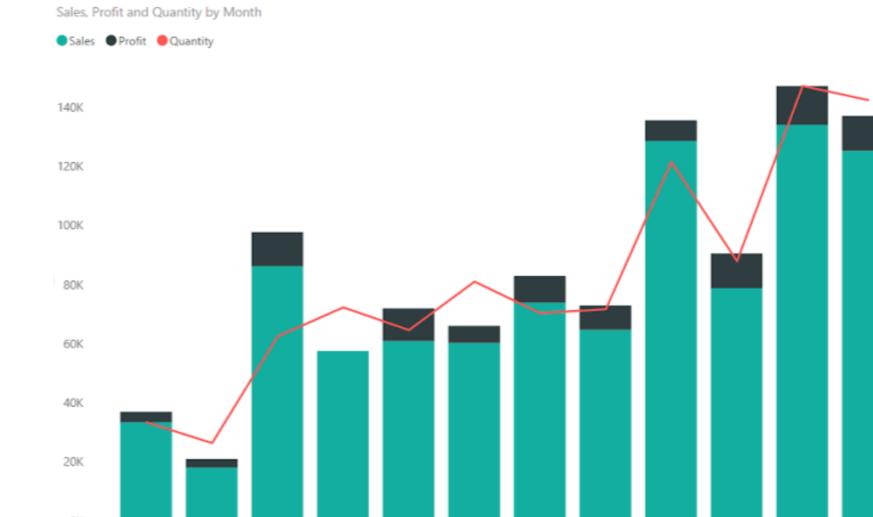
100% stacked bar and column chart



Clustered bar and column chart



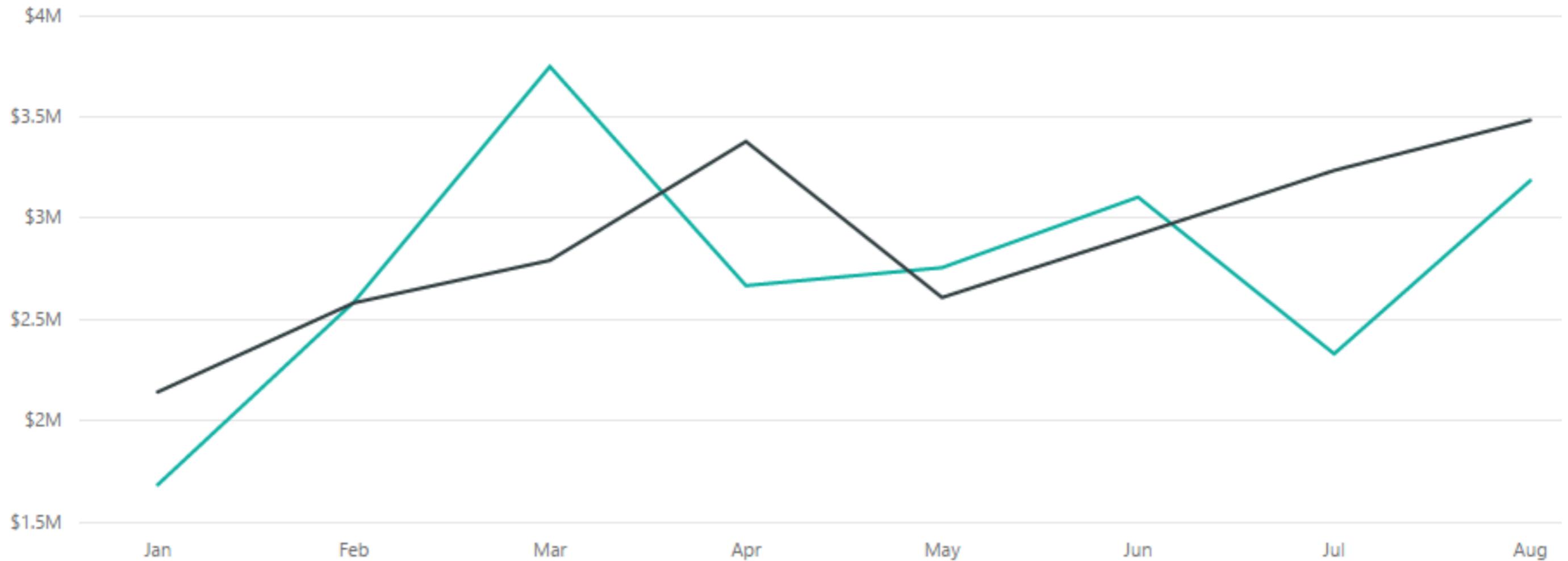
Combo chart



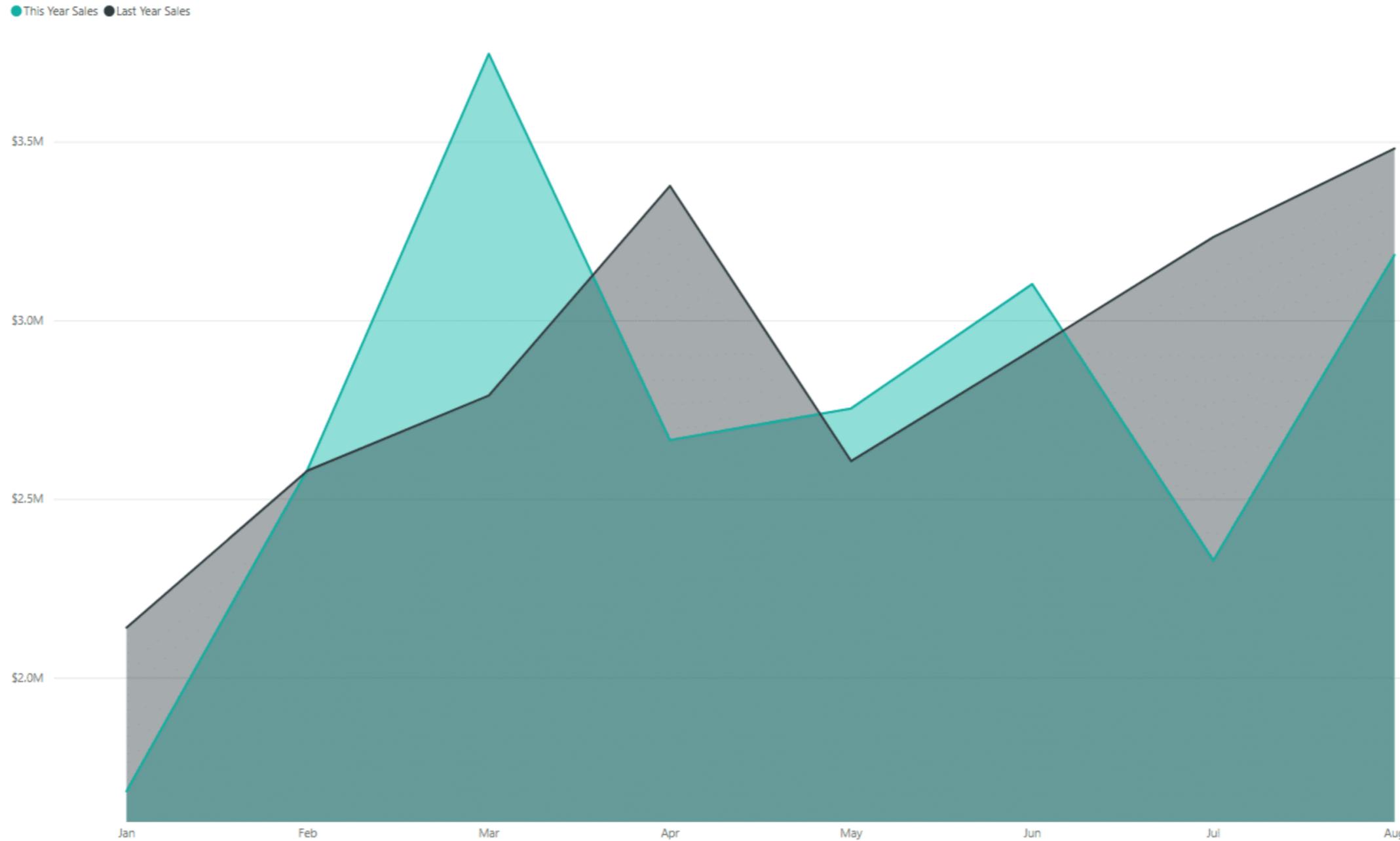
Line charts

This Year Sales and Last Year Sales by FiscalMonth

This Year Sales Last Year Sales

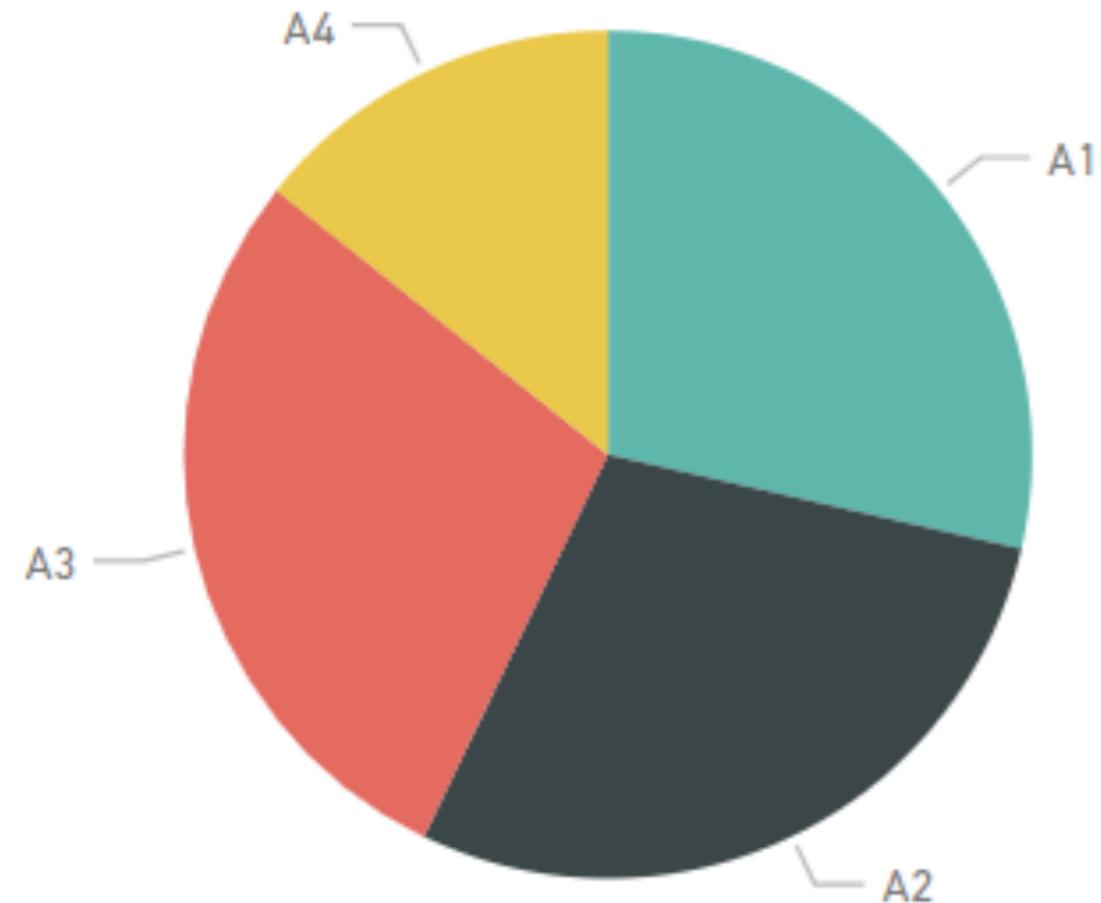


Area charts



Pie and donut charts

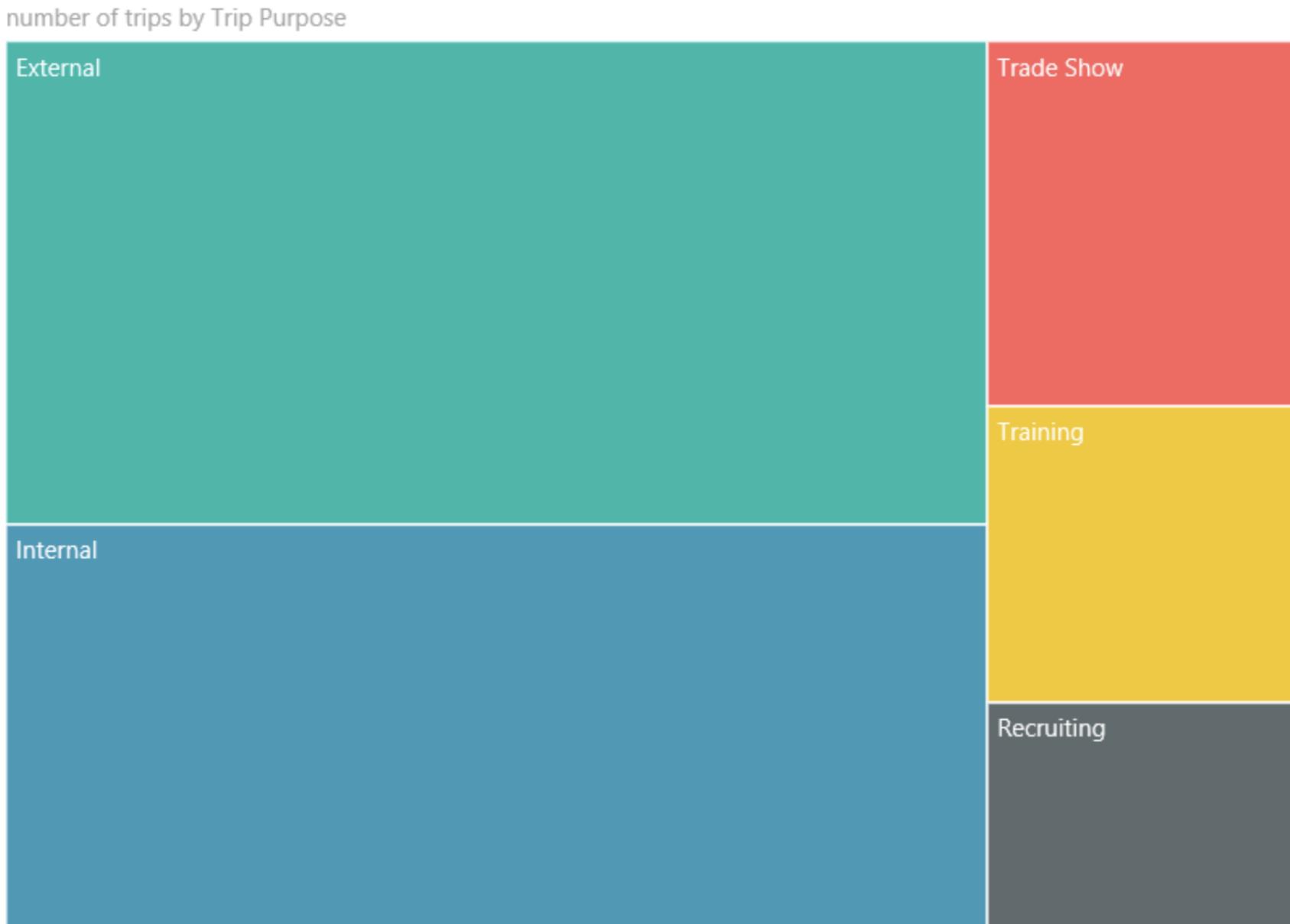
Pie chart



Donut chart



Tree maps



Some other visualization types

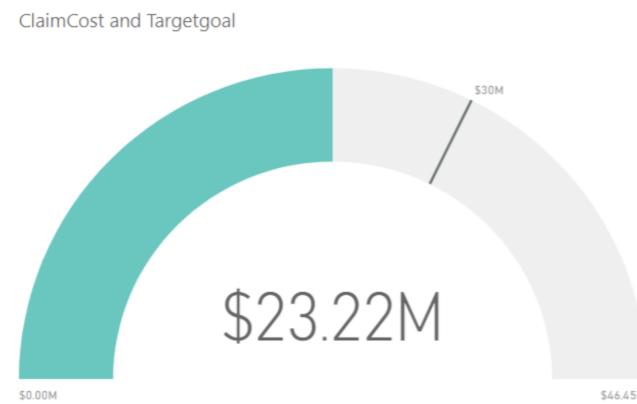
Card



Multi-row card

-\$366,891,365.00
Measure 4
-\$1,735.61
Measure 6

Gauge chart



KPI

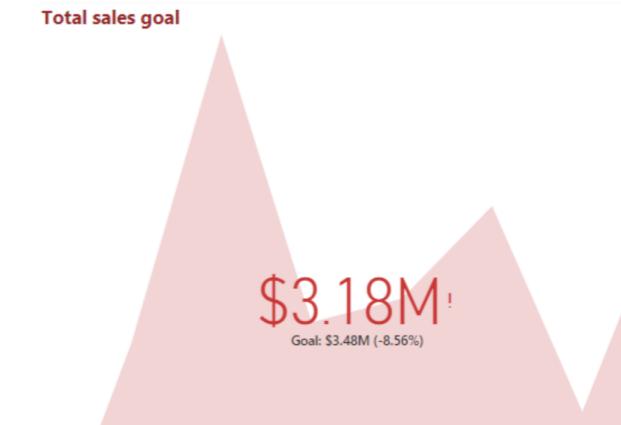


Table and matrix

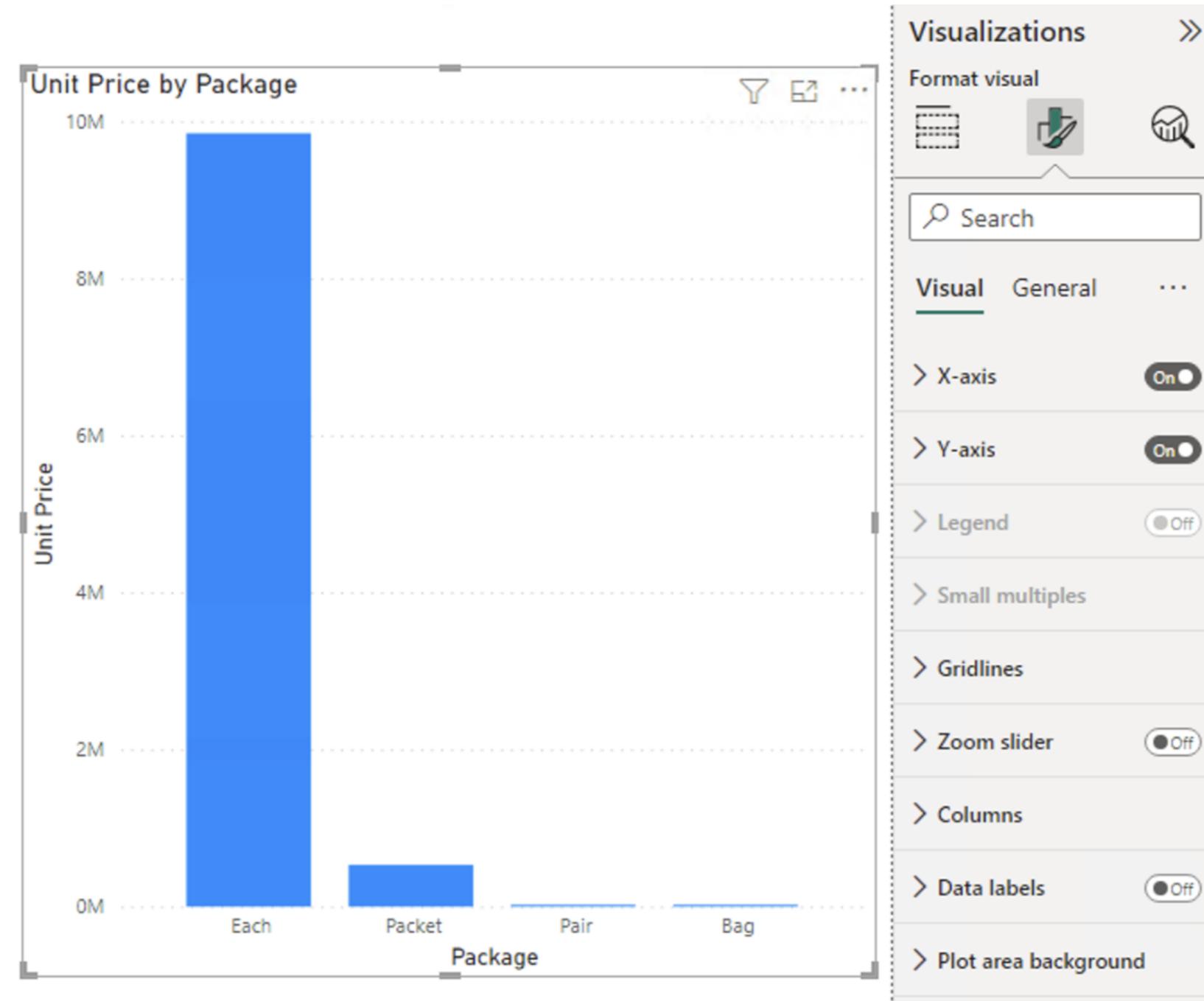
Table

Client	Component	Region	Average of Performance	Average of Reliability
Mobile	Page1 load	EMEA	353.00	99.52%
Mobile	Page1 load	NA	172.00	99.61%
Mobile	Page2 load	EMEA	329.00	99.76%
Mobile	Page2 load	NA	182.00	99.45%
Mobile	Page3 load	EMEA	323.00	98.50%
Mobile	Page3 load	NA	383.00	99.67%
Mobile	Page4 load	EMEA	390.00	99.42%
Mobile	Page4 load	NA	275.00	99.37%
Web	Page1 load	EMEA	201.00	98.08%
Web	Page1 load	NA	483.00	99.10%
Web	Page2 load	EMEA	276.00	99.40%
Web	Page2 load	NA	106.00	99.47%
Web	Page3 load	EMEA	148.00	99.69%
Web	Page3 load	NA	402.00	98.03%
Web	Page4 load	EMEA	203.00	99.03%
Web	Page4 load	NA	284.00	99.30%
Total			281.88	99.21%

Matrix

Component	Performance (ms)	Reliability (%)
Page1 load	262.50	99.57%
Mobile	262.50	99.57%
EMEA	353.00	99.52%
NA	172.00	99.61%
Total	262.50	99.57%

Editing visualizations



Contoso data warehouse dataset



Contoso data warehouse dataset

- Snowflake schema
- **Fact Table:**
 - FactStrategyPlan
- **Dimension Tables:**
 - DimAccount
 - DimDate
 - DimEntity
 - DimProductCategory
 - DimScenario

Let's practice!

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Making changes

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Let's practice!

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Sorting and more formatting

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