Visualization options

INTRODUCTION TO POWER BI

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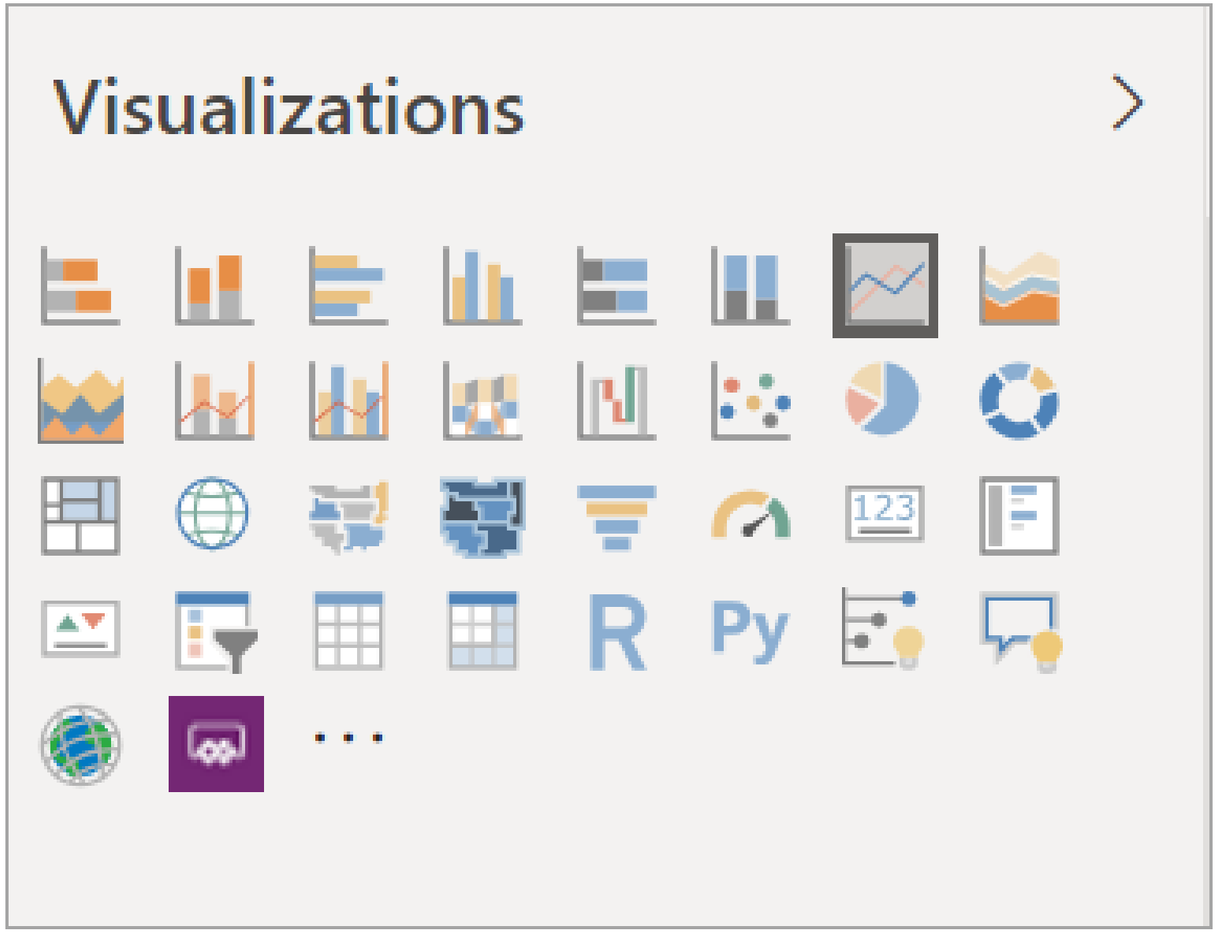
datacamp

Visualization types

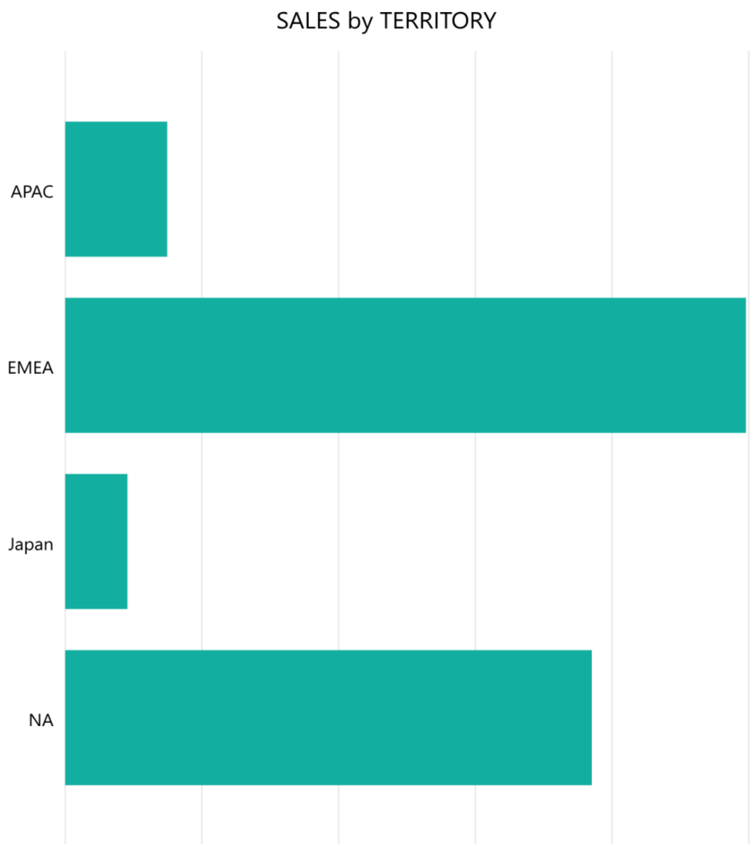


[1] https://learn.datacamp.com/courses/data-visualization-for-everyone

Column and bar charts

Bar chart

- Horizontal rectangles

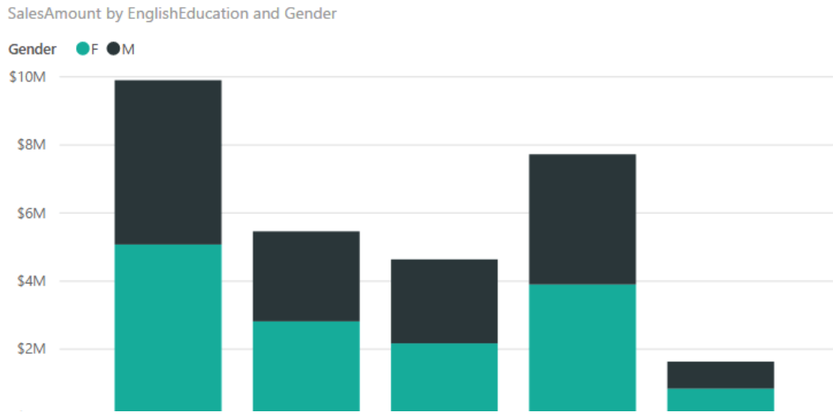


Column chart

- Vertical rectangles

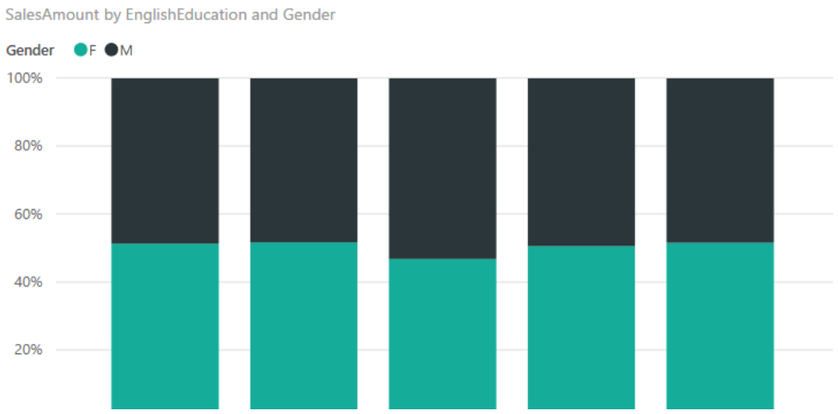
Column and bar charts

Stacked bar and column chart

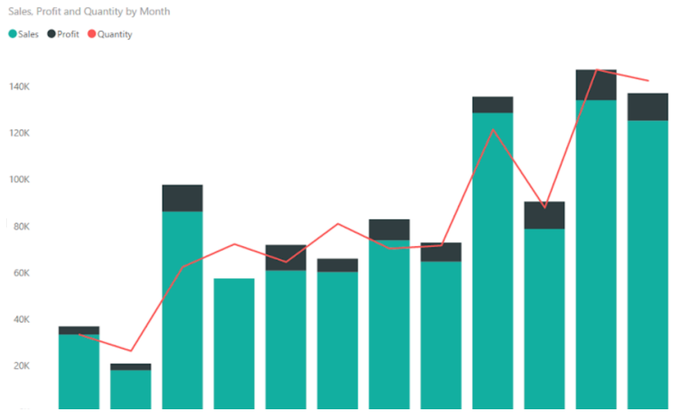


Clustered bar and column chart

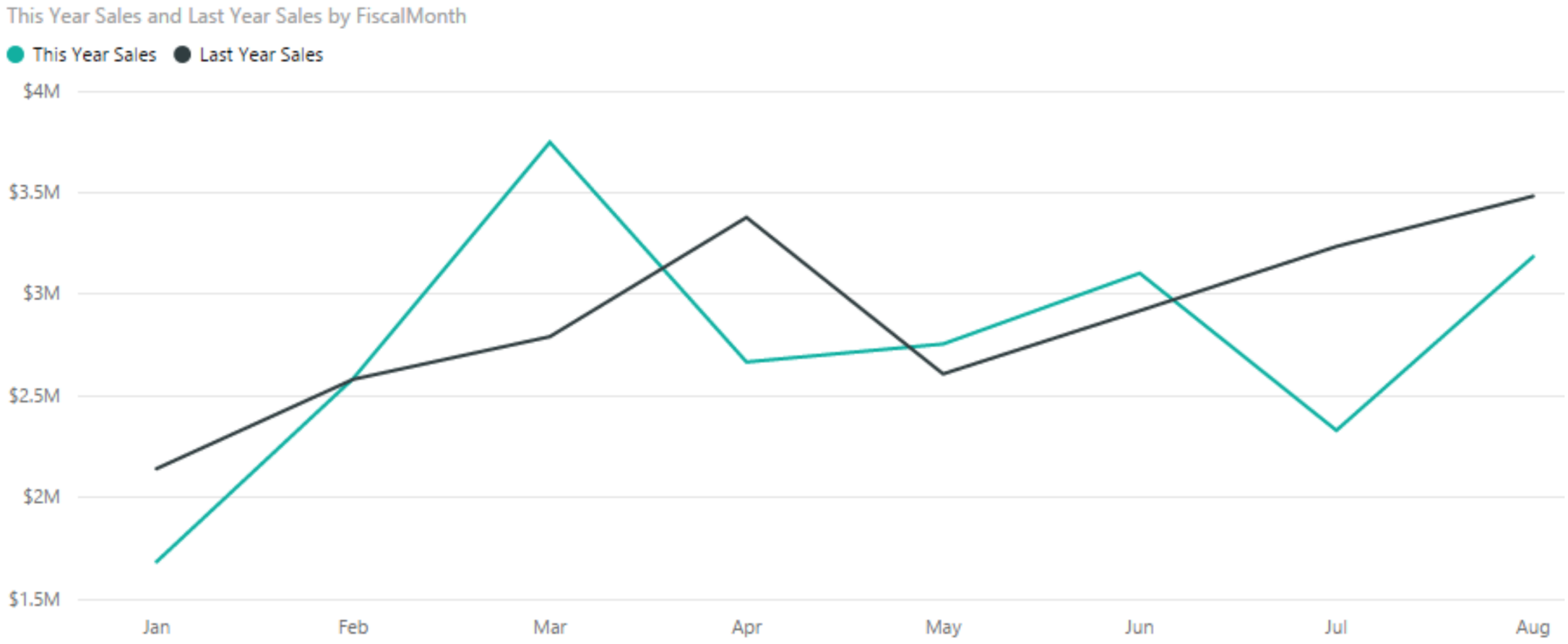
100% stacked bar and column chart



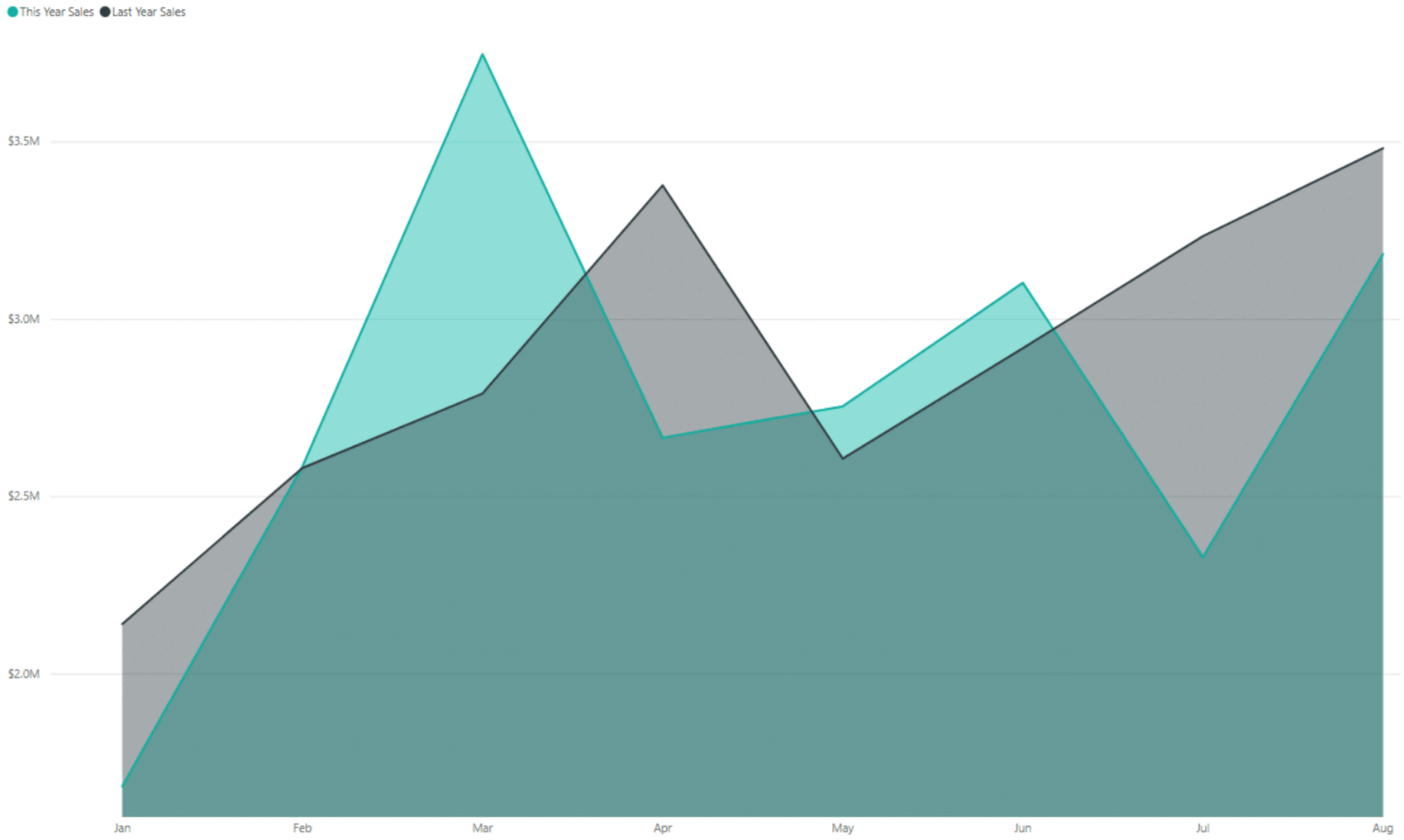
Combo chart



Line charts

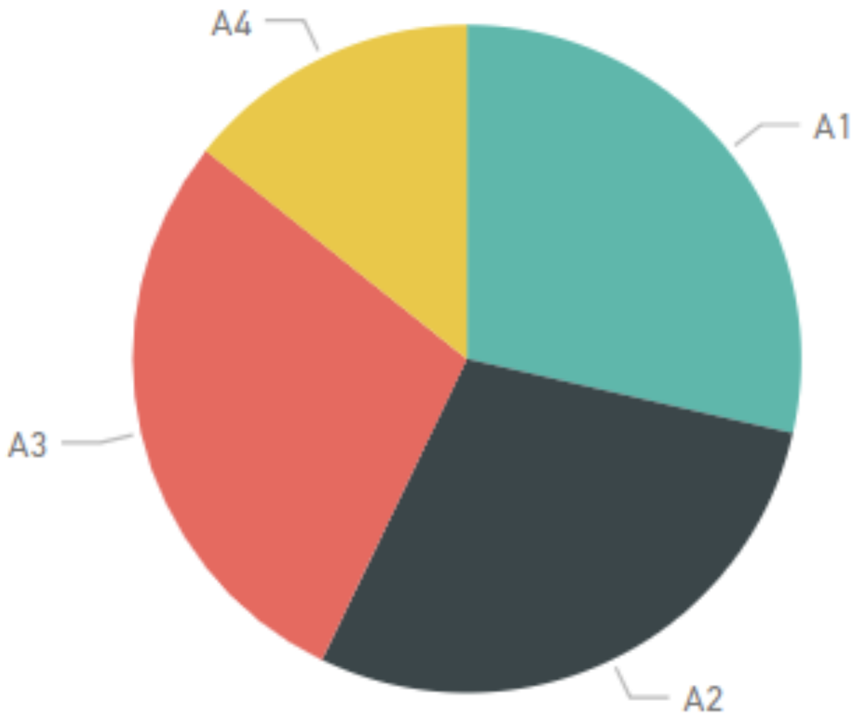

This Year Sales and Last Year Sales by FiscalMonth
This Year Sales
Last Year Sales
$4M
$3.5M
$3M
$2.5M
$2M
$1.5M
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug

Area charts


This Year Sales
Last Year Sales
$3.5M
$3.0M
$2.5M
$2.0M
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug

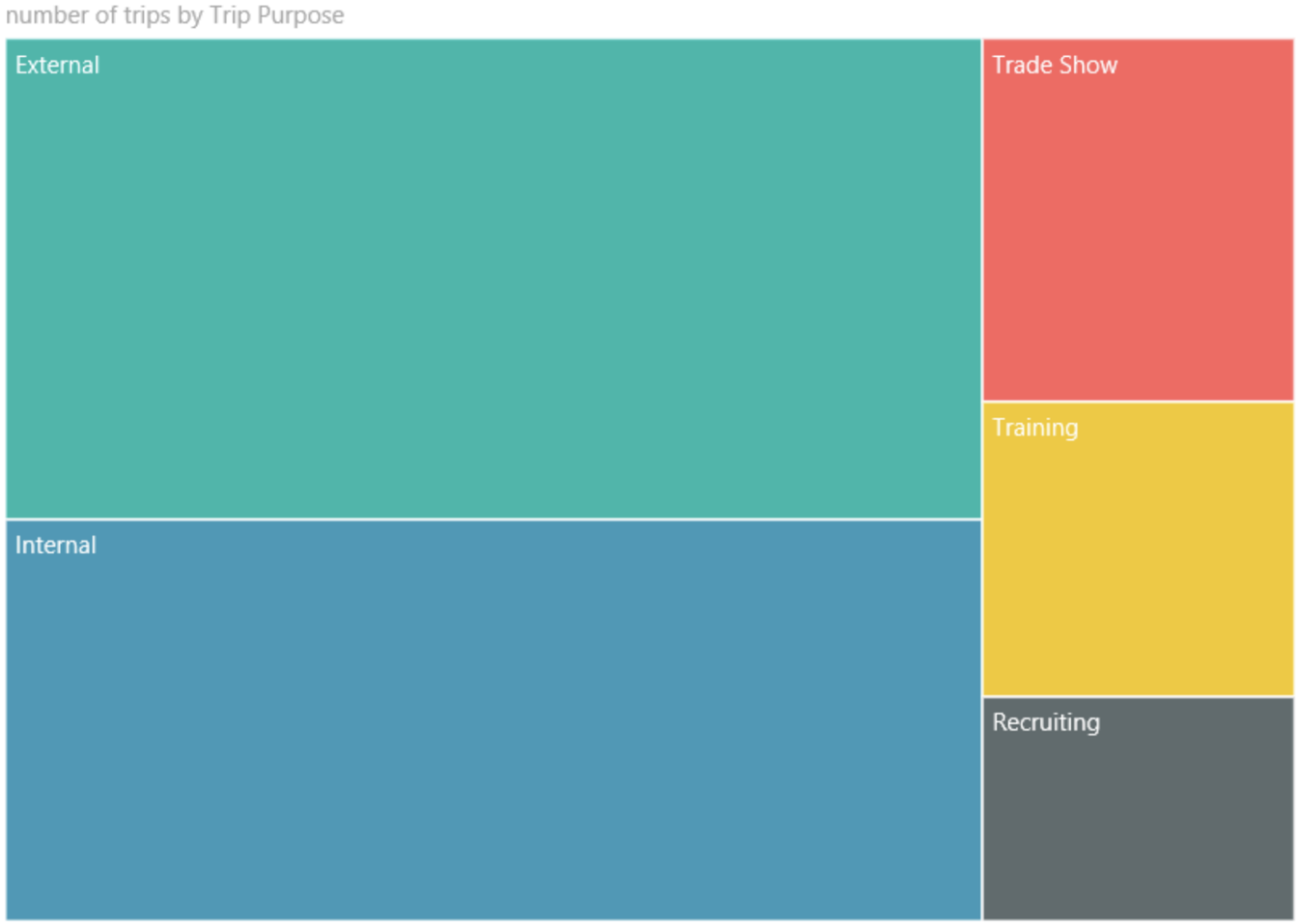
Pie and donut charts

Pie chart



Donut chart

Tree maps

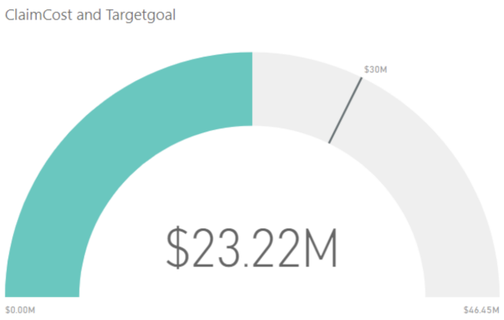

number of trips by Trip Purpose
External
Trade Show
Training
Internal
Recruiting

Some other visualization types

Card

Multi-row card

Gauge chart



KPI

Table and matrix

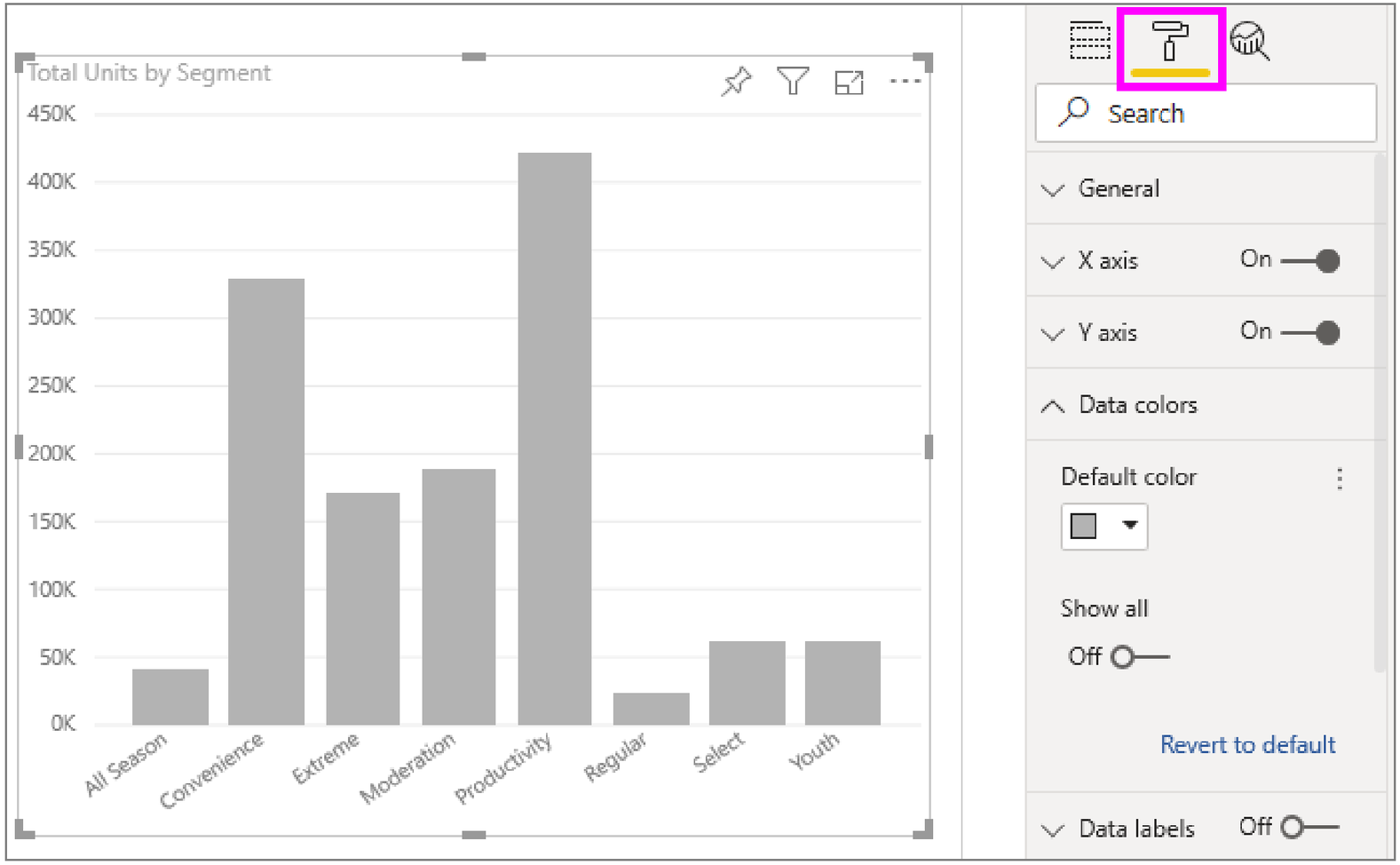
Table

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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