

# Visualization options

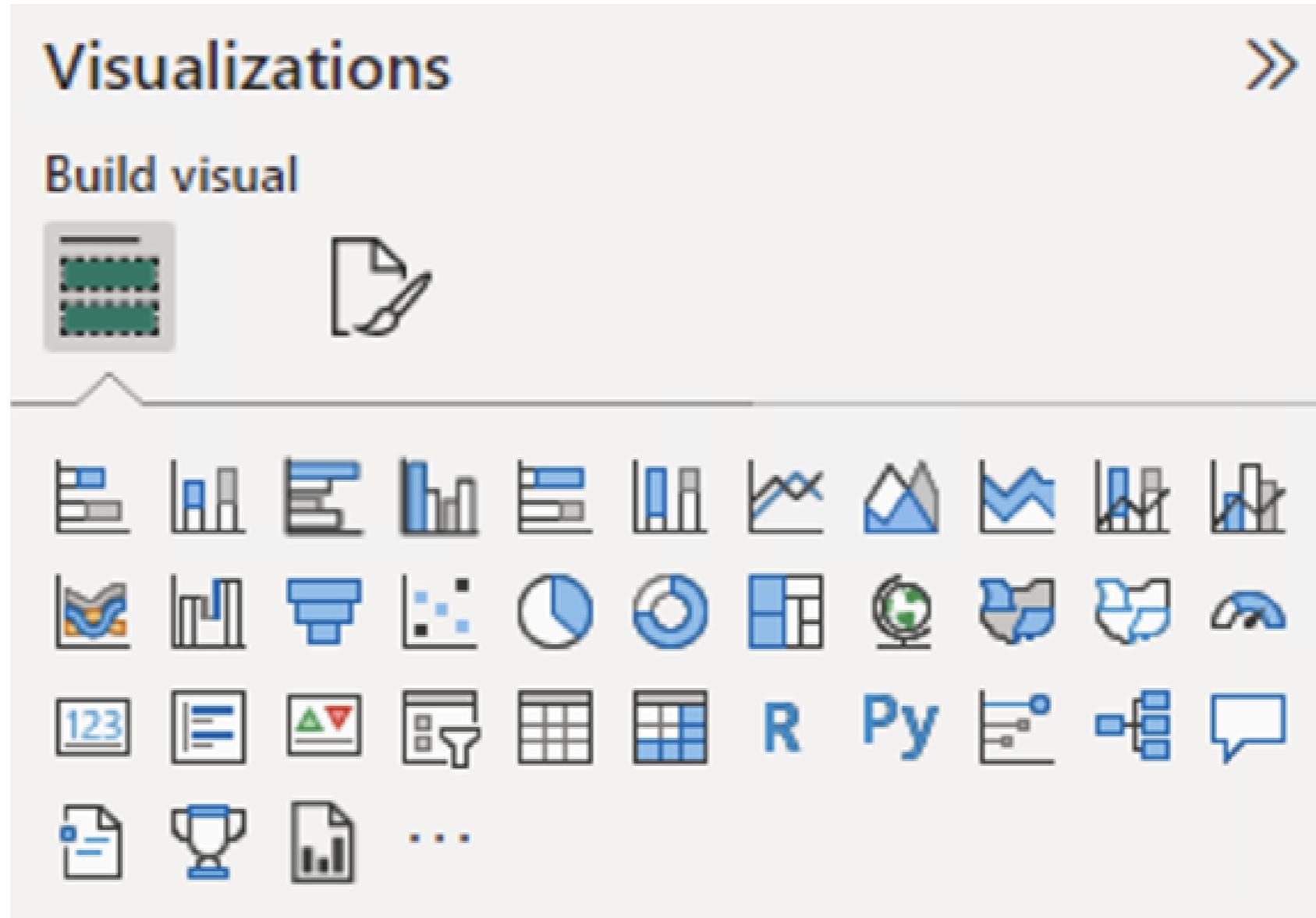
INTRODUCTION TO POWER BI



**Sara Billen**

Curriculum Manager, DataCamp

# Visualization types

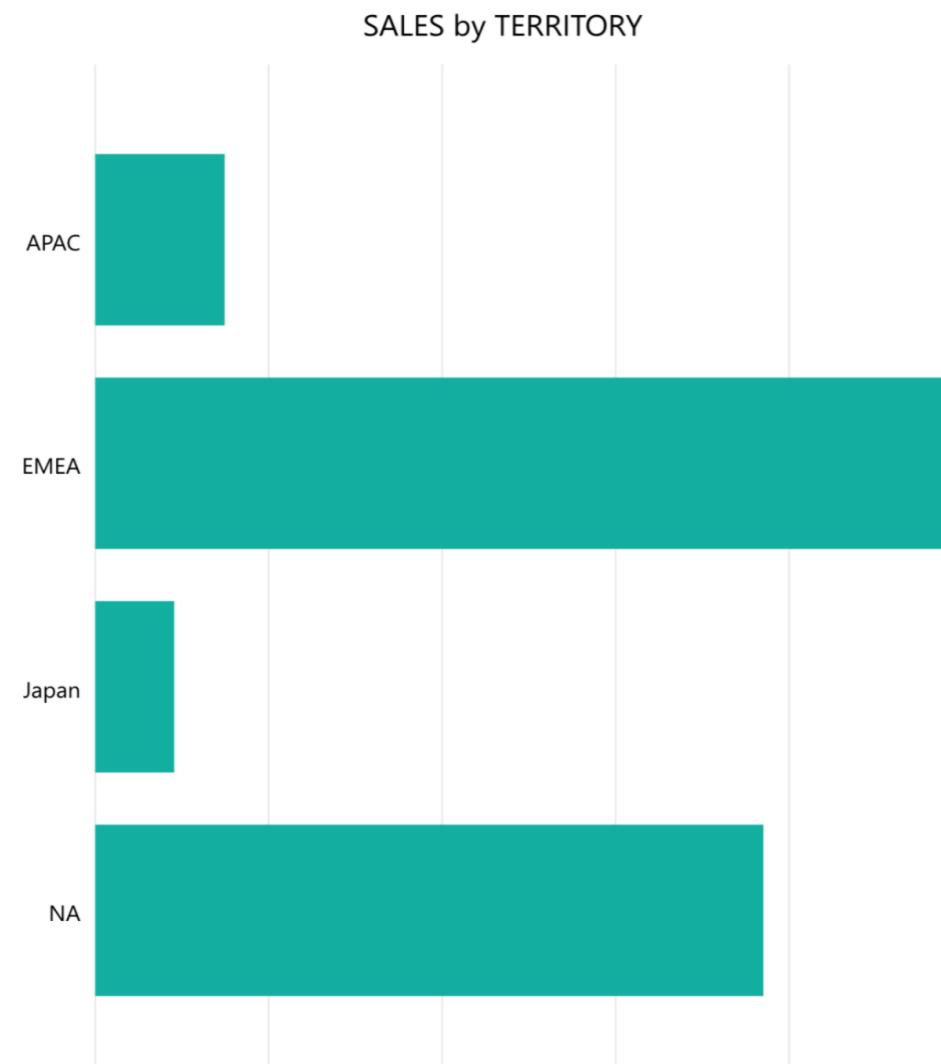


<sup>1</sup> <https://learn.datacamp.com/courses/data-visualization-for-everyone>

# Column and bar charts

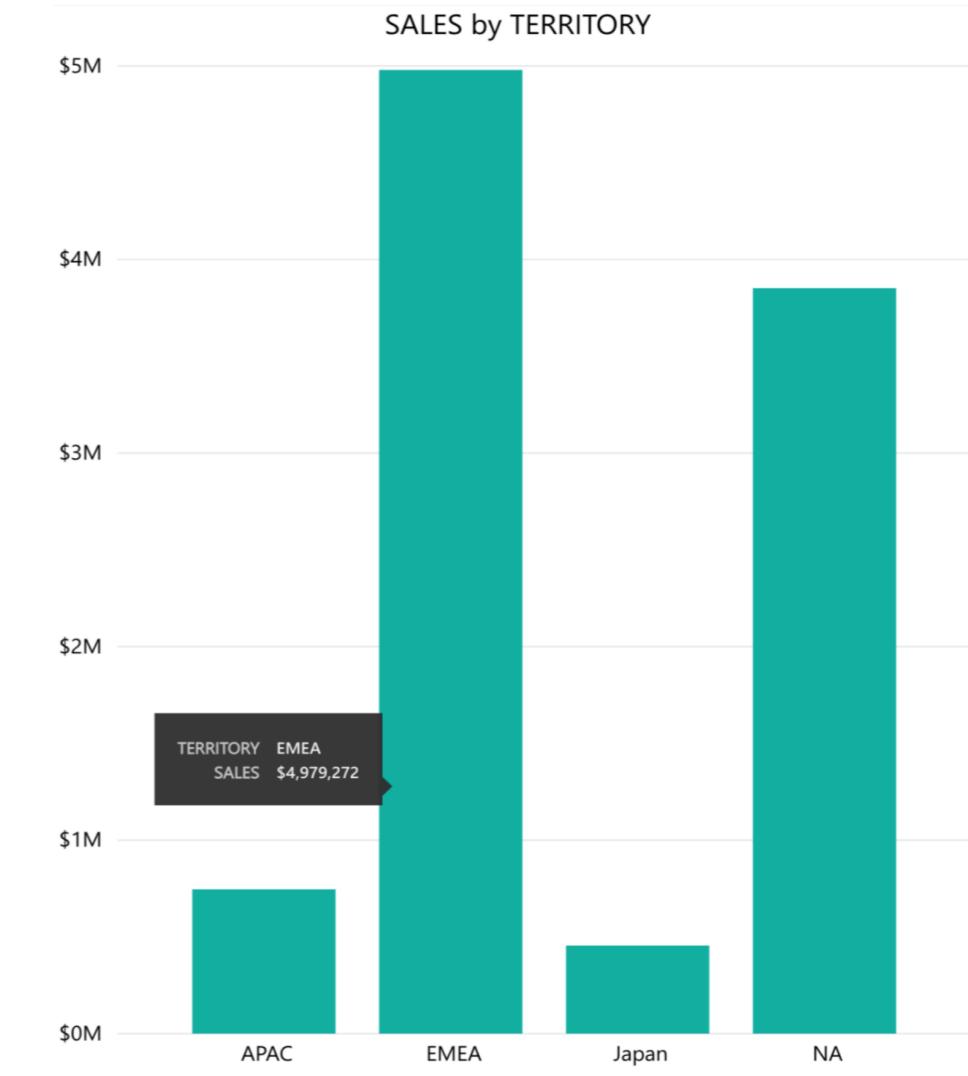
## Bar chart

- Horizontal rectangles



## Column chart

- Vertical rectangles



# Column and bar charts

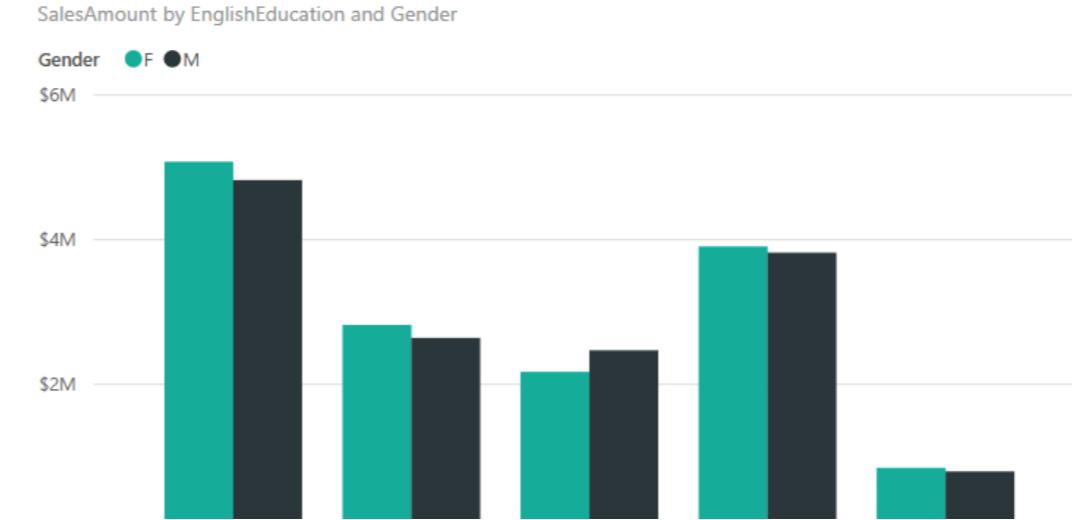
## Stacked bar and column chart



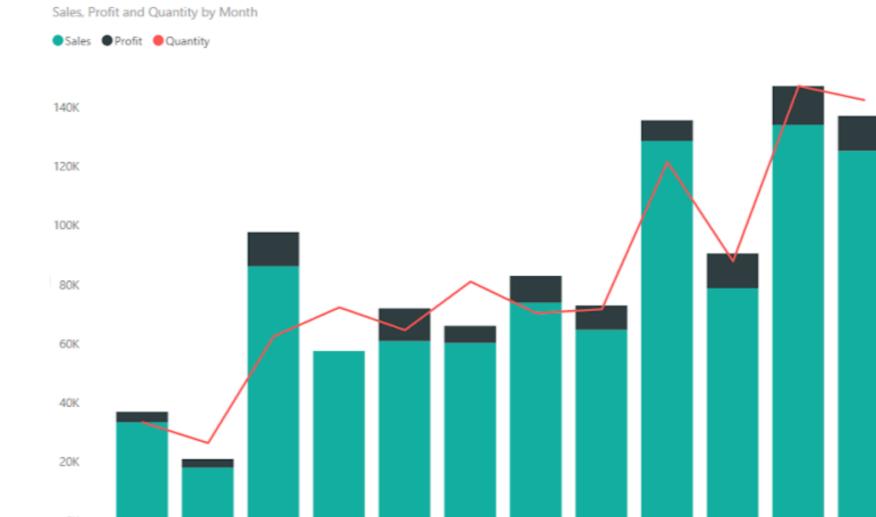
## 100% stacked bar and column chart



## Clustered bar and column chart



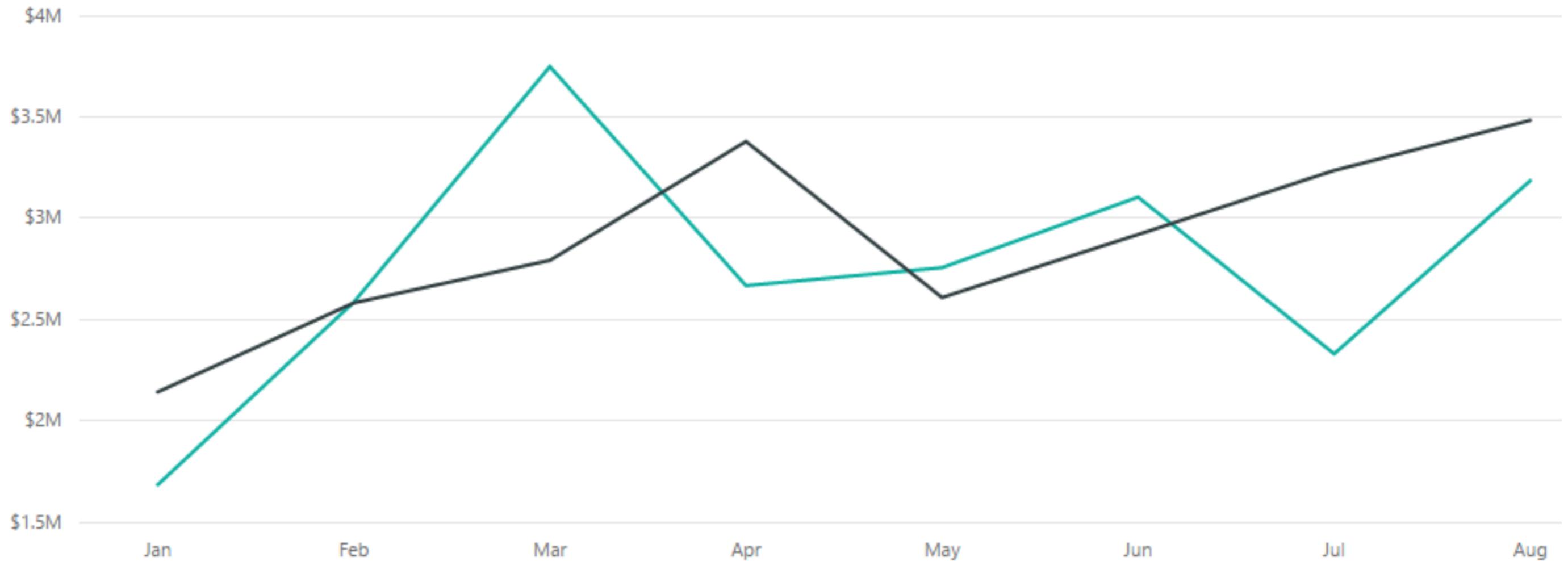
## Combo chart



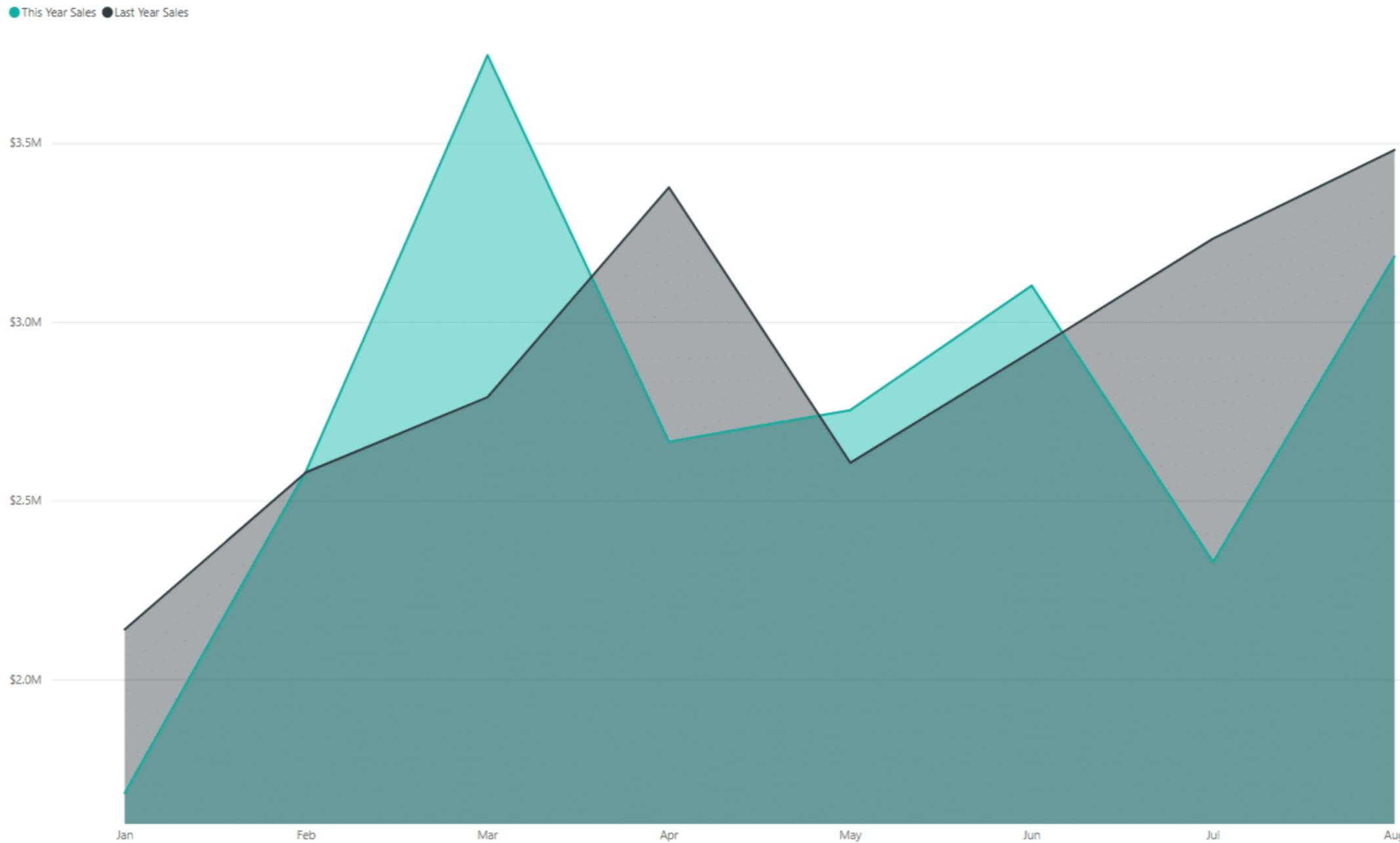
# Line charts

This Year Sales and Last Year Sales by FiscalMonth

This Year Sales    Last Year Sales

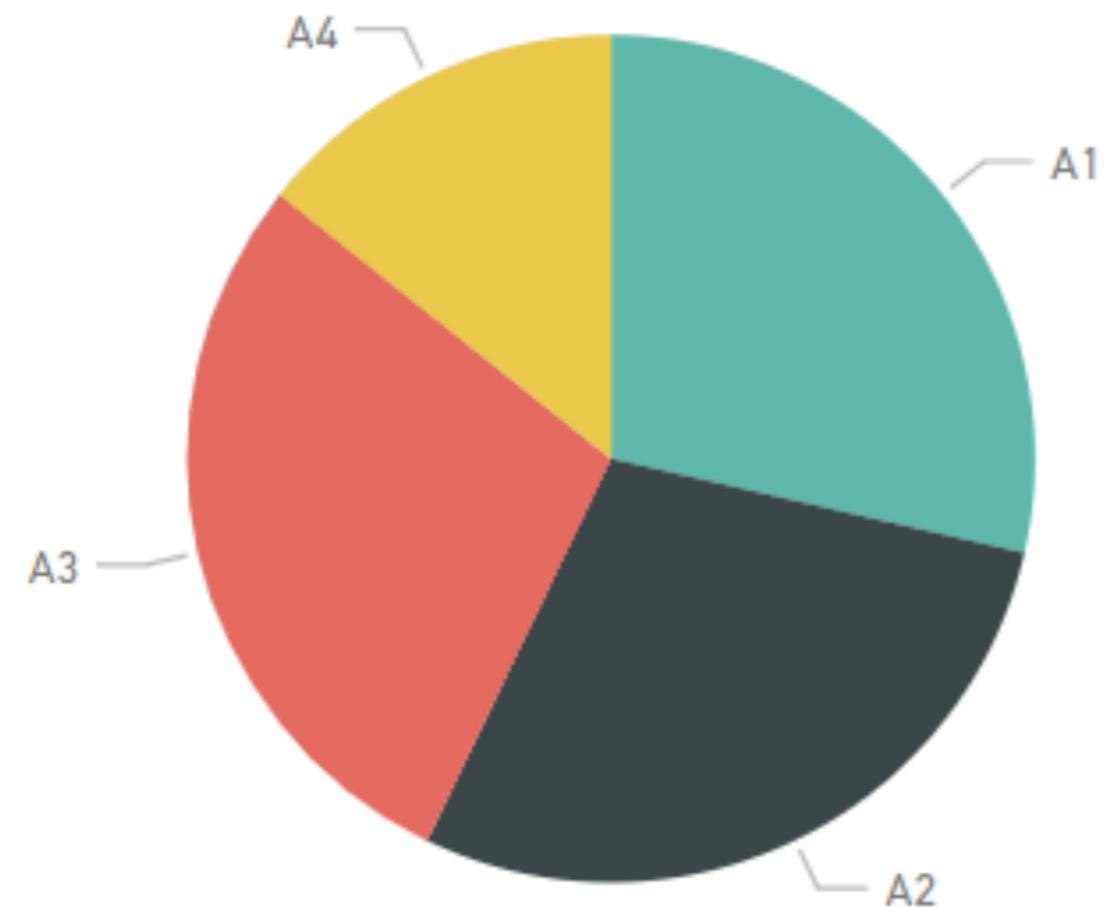


# Area charts

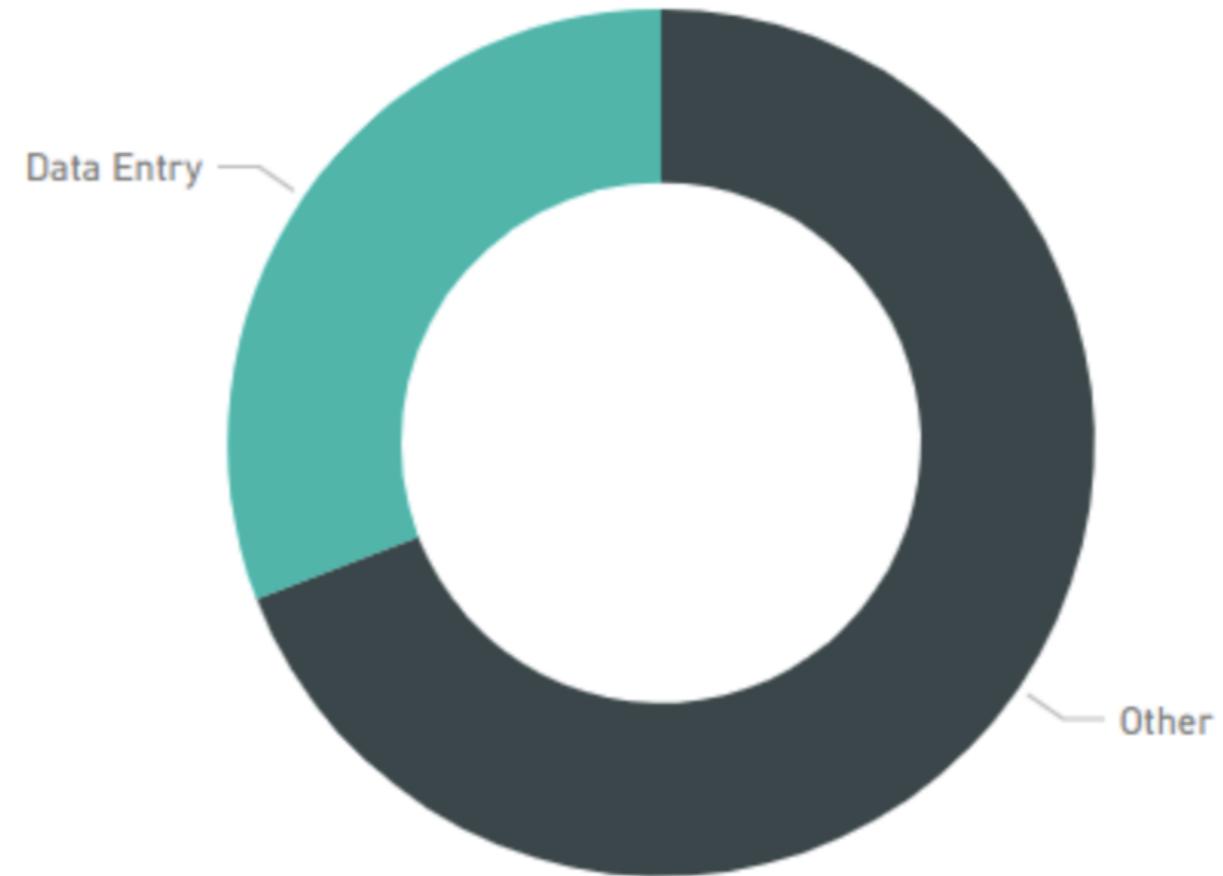


# Pie and donut charts

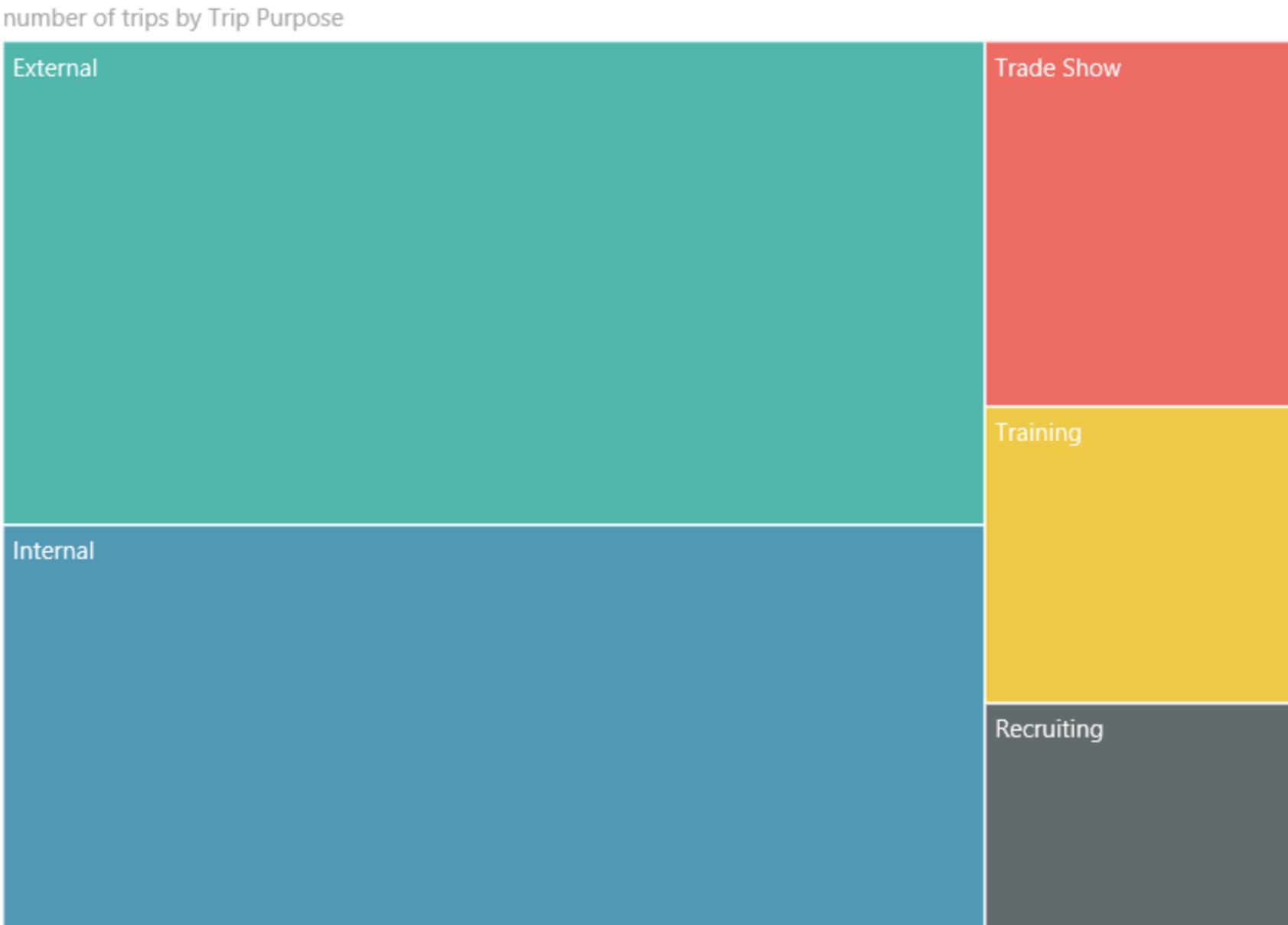
Pie chart



Donut chart



# Tree maps



# Some other visualization types

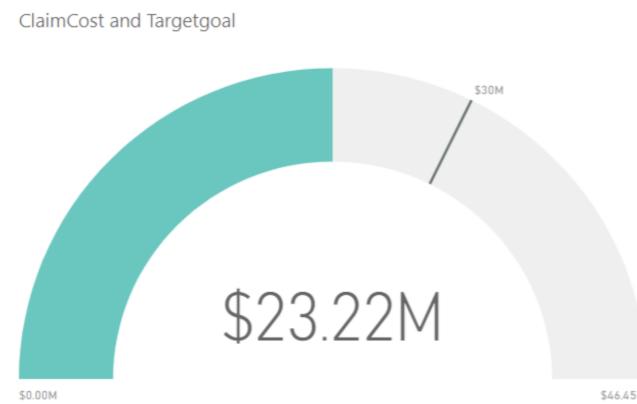
## Card

104  
Open Store Count

## 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%
<b>Total</b>			<b>281.88</b>	<b>99.21%</b>

## Matrix

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

# 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!**

## **INTRODUCTION TO POWER BI**

# Making changes

INTRODUCTION TO POWER BI



**Sara Billen**

Curriculum Manager, Datacamp

# **Let's practice!**

## **INTRODUCTION TO POWER BI**

# Sorting and more formatting

INTRODUCTION TO POWER BI



**Sara Billen**

Curriculum Manager, DataCamp

# **Let's practice!**

## **INTRODUCTION TO POWER BI**