

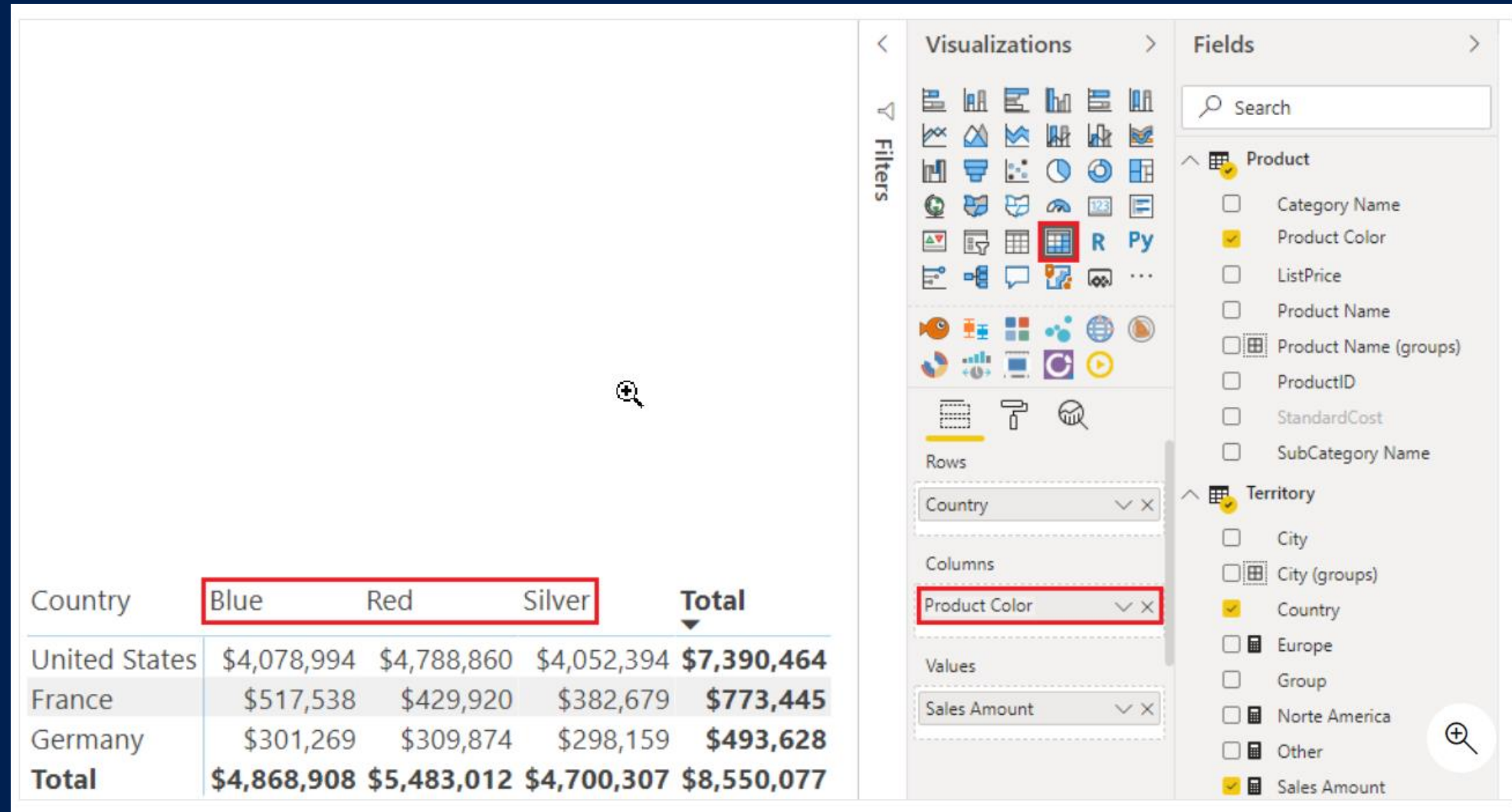
Visualisasi Data di Kecerdasan Bisnis

Ridi Ferdiana
Version 1.0.0



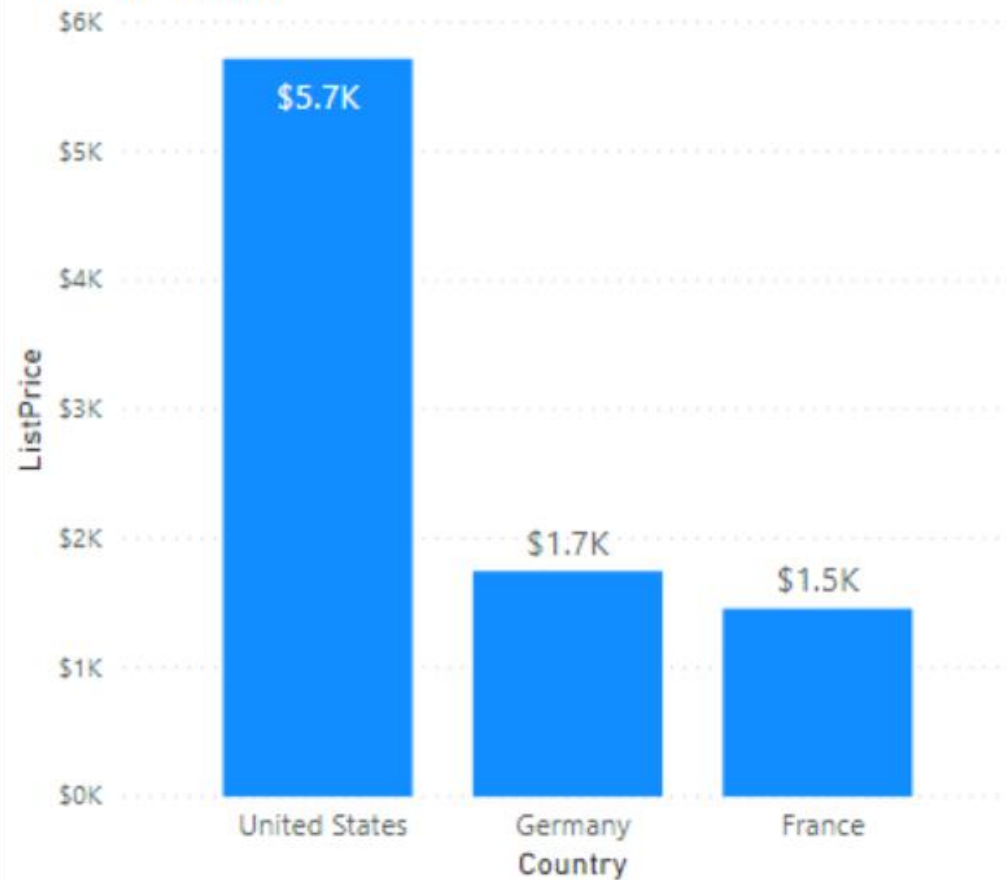
Visualisasi di Power BI

Table dan Matrix Visualization



Bar dan Column Chart

Sales by Country



Clustered Column Chart

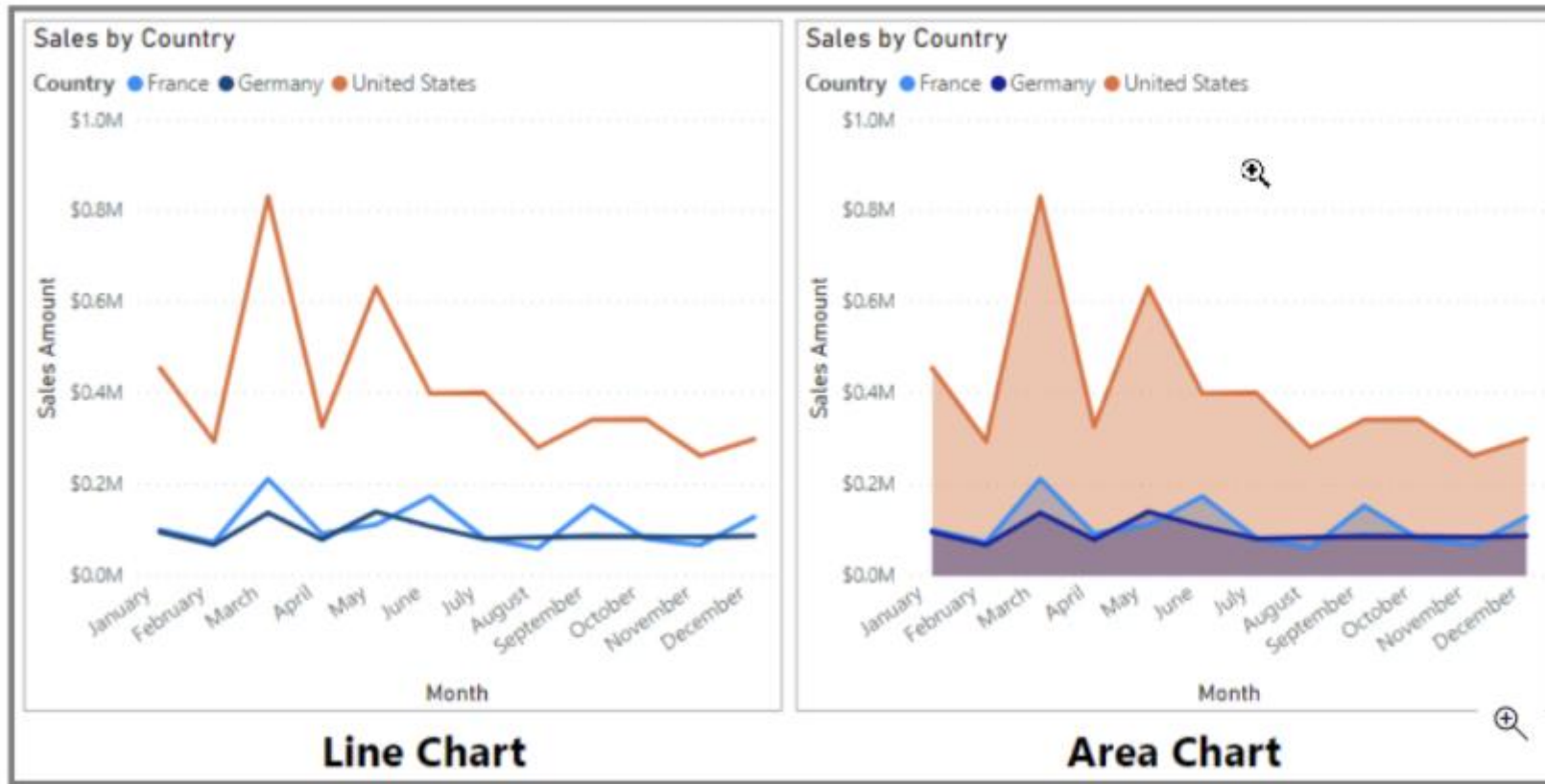
Sales by Country by Product Name

Product Name ● AWC Logo Cap ● Bike Wash - Dissolver



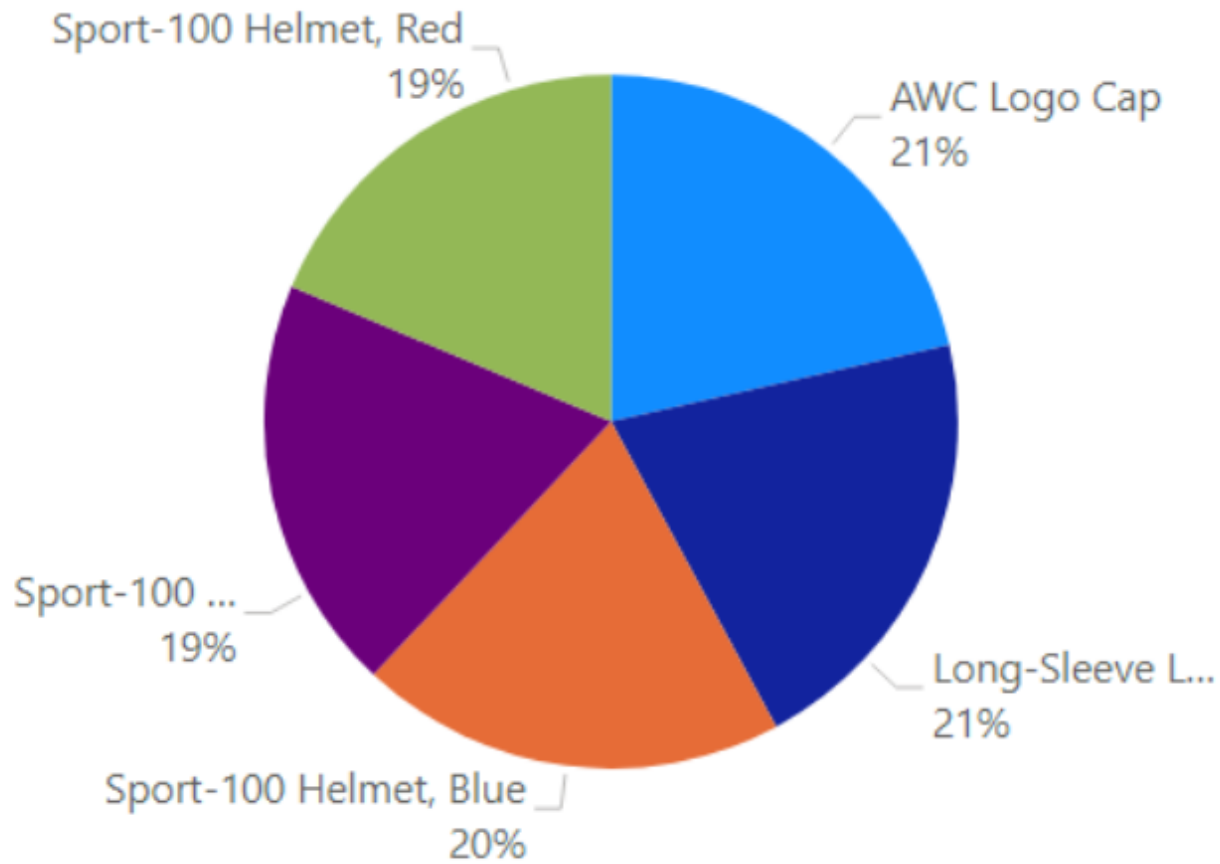
Stacked Column Chart

Line dan Area Chart



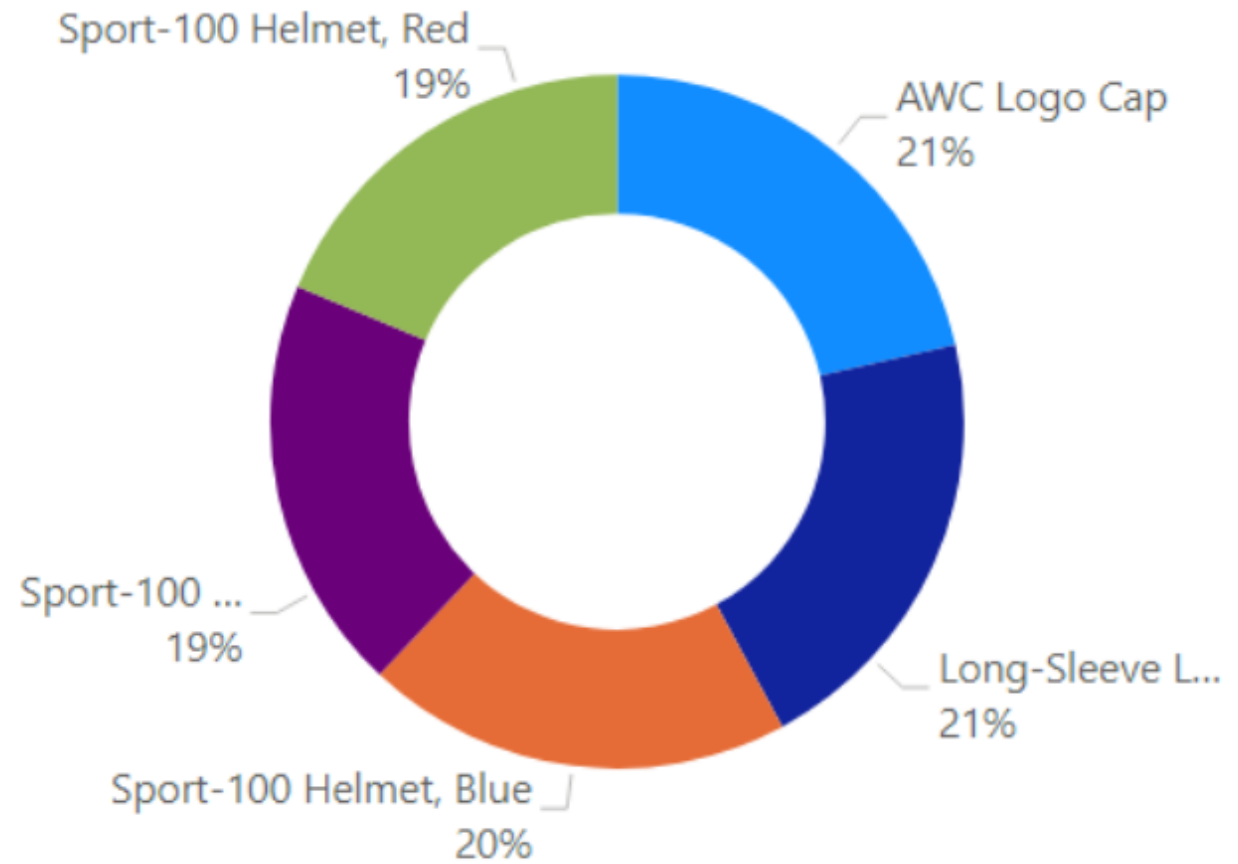
Pie Chart dan Donut Chart

Top 5 Product by Sales



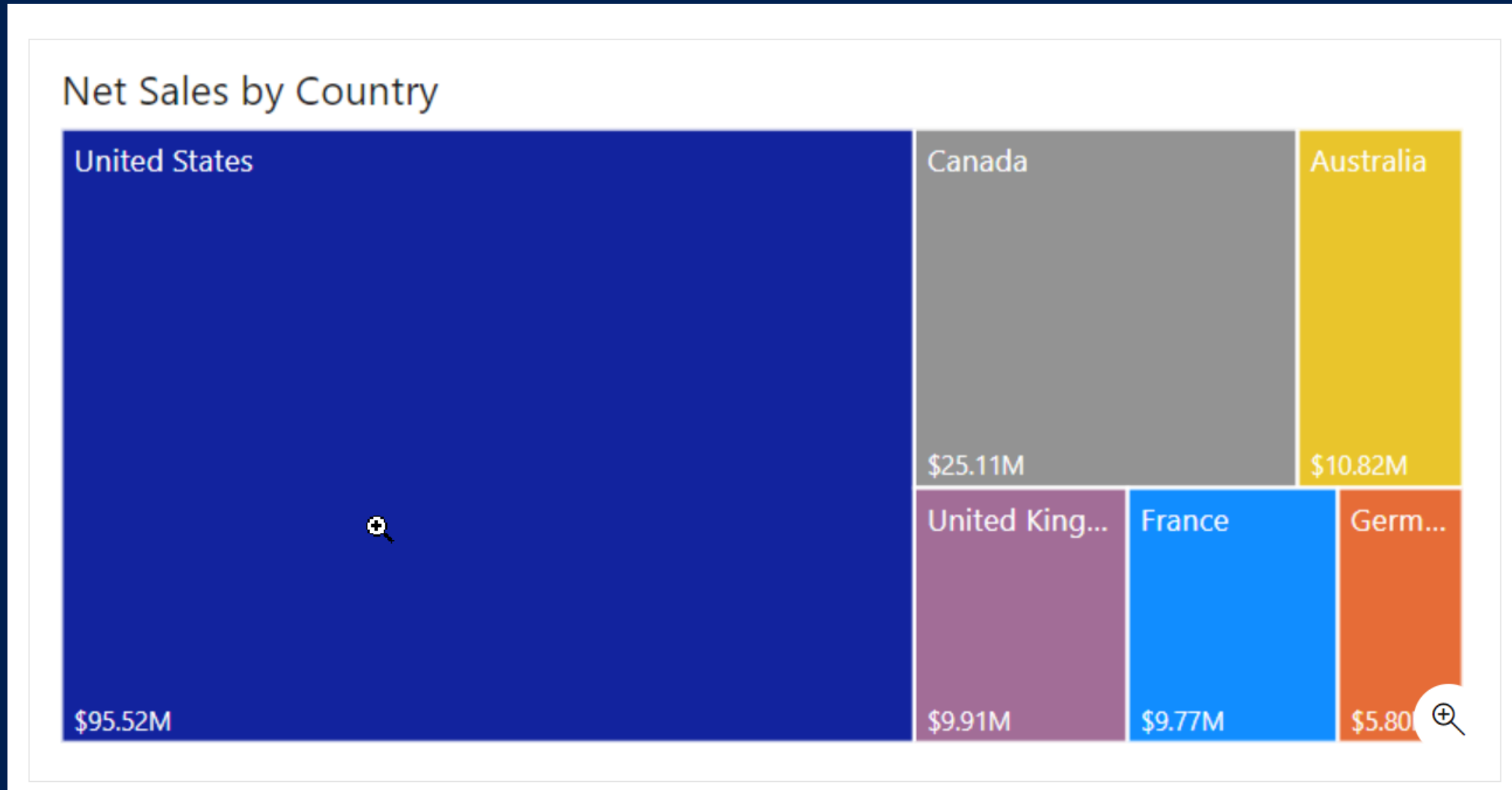
Pie Chart

Top 5 Product by Sales

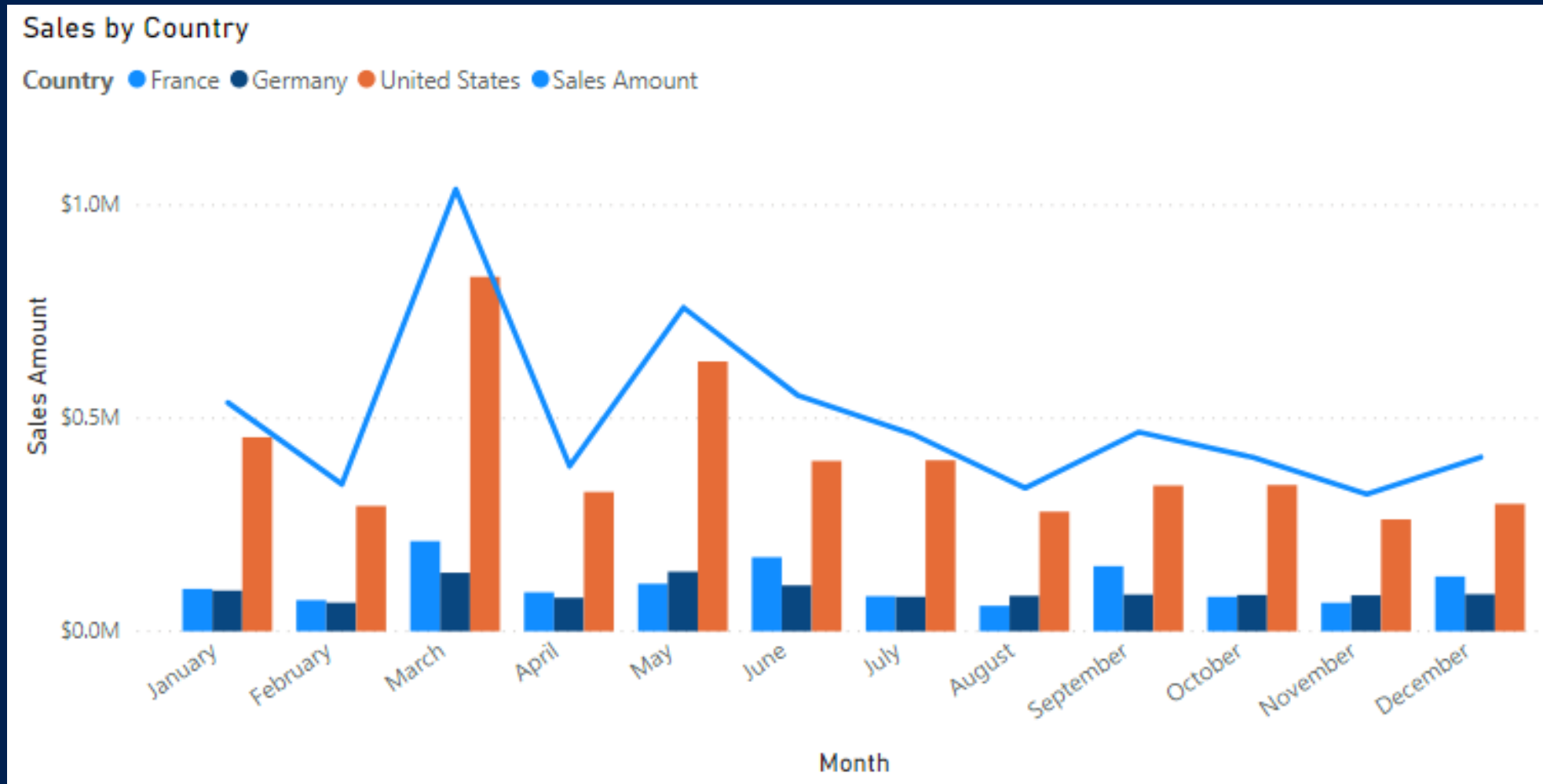


Donut Chart

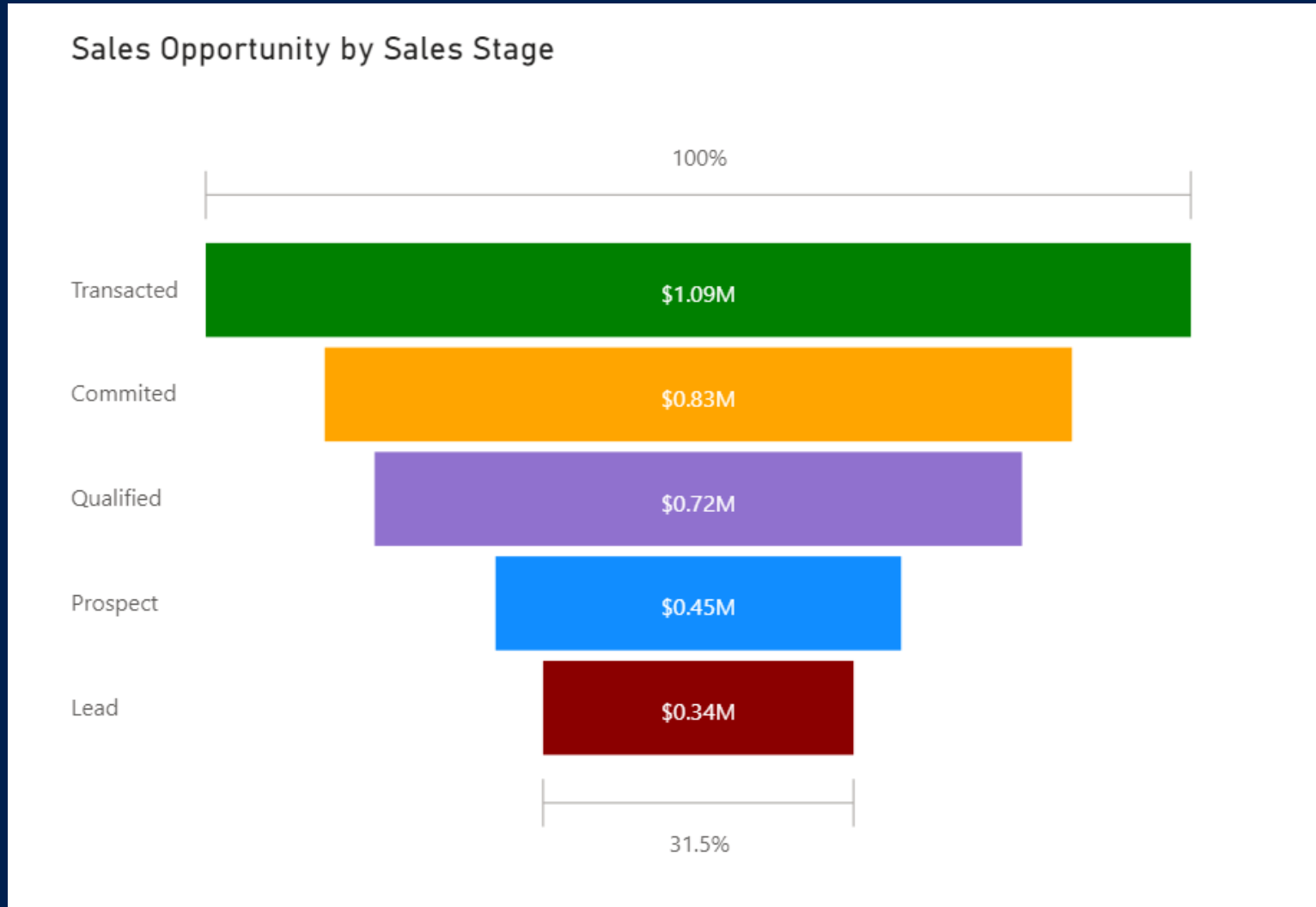
Treemaps



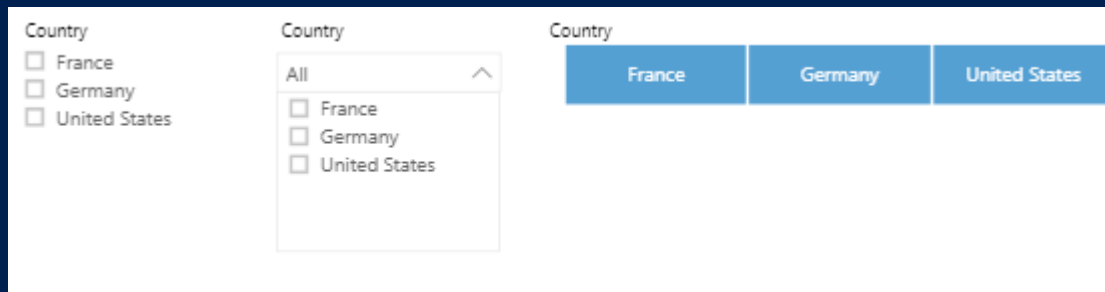
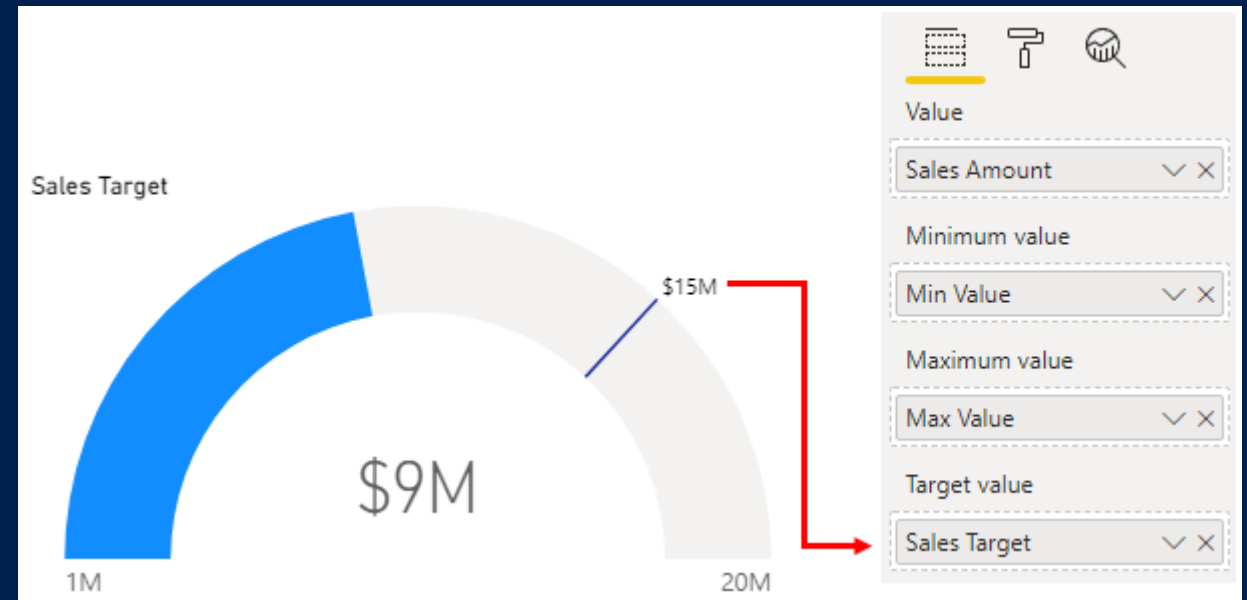
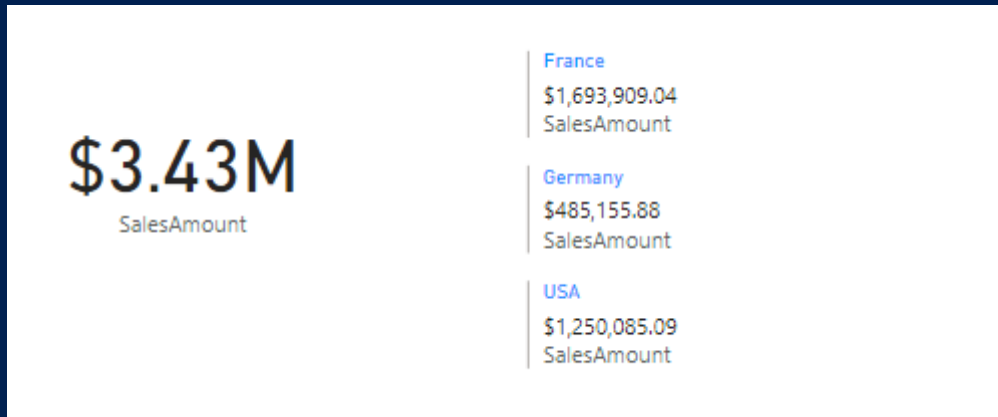
Combo Charts



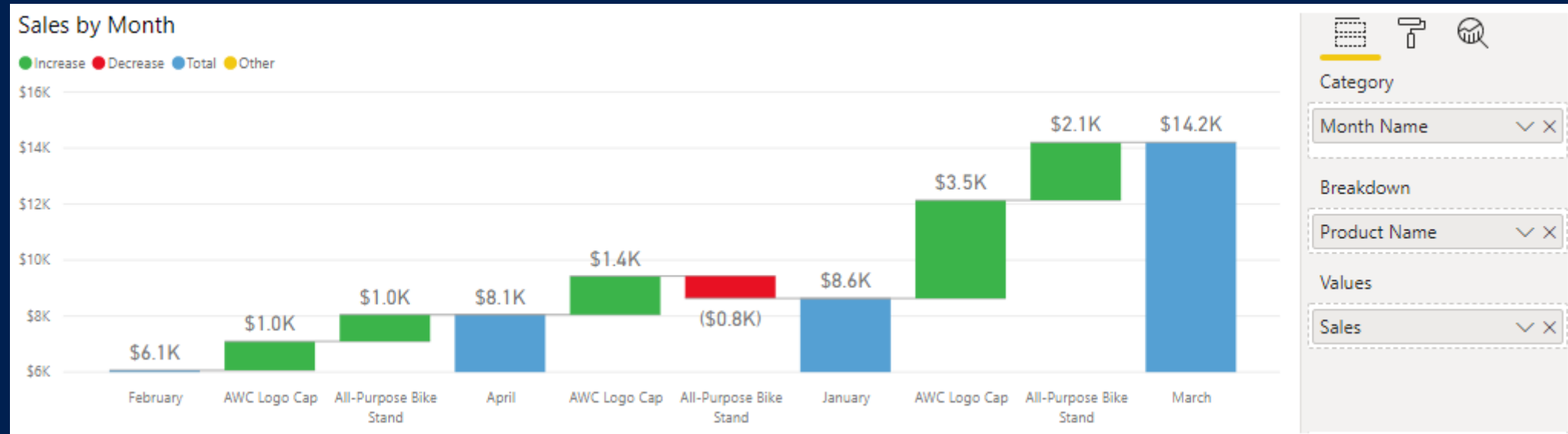
Funnel Visualization



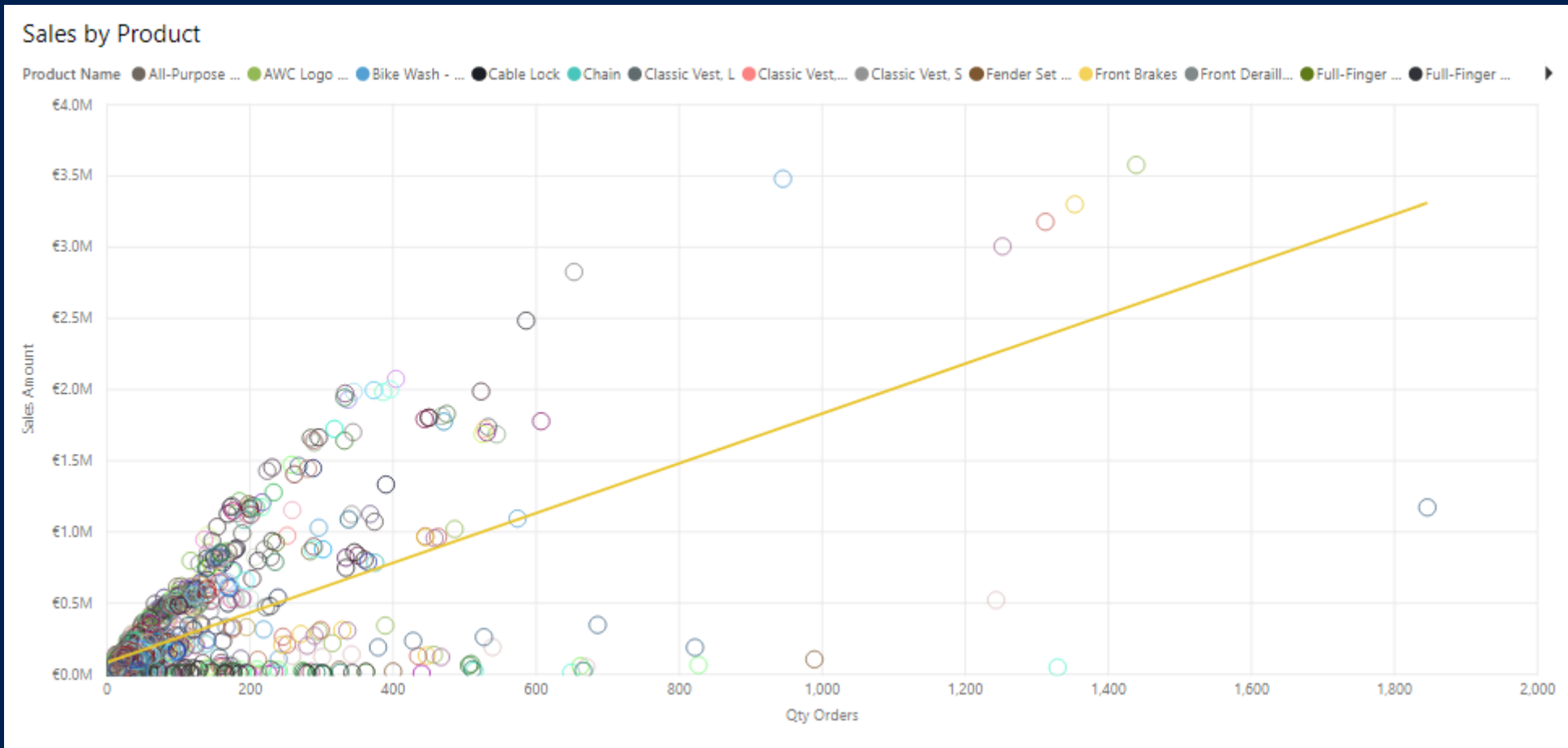
Card, Slicer dan Gauge



Waterfall



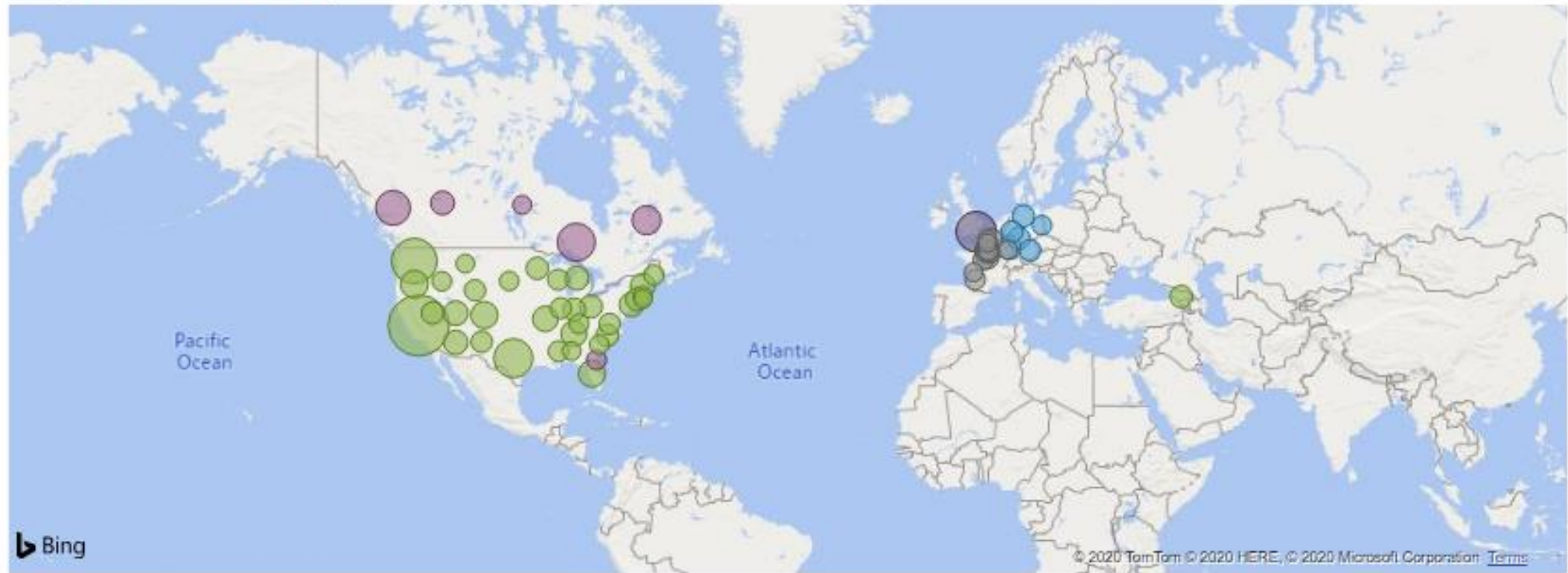
Scatter



Maps

Sales by Country

Country ● Canada ● France ● Germany ● United Kingdom ● United States



Sebuah Diagram harus memiliki

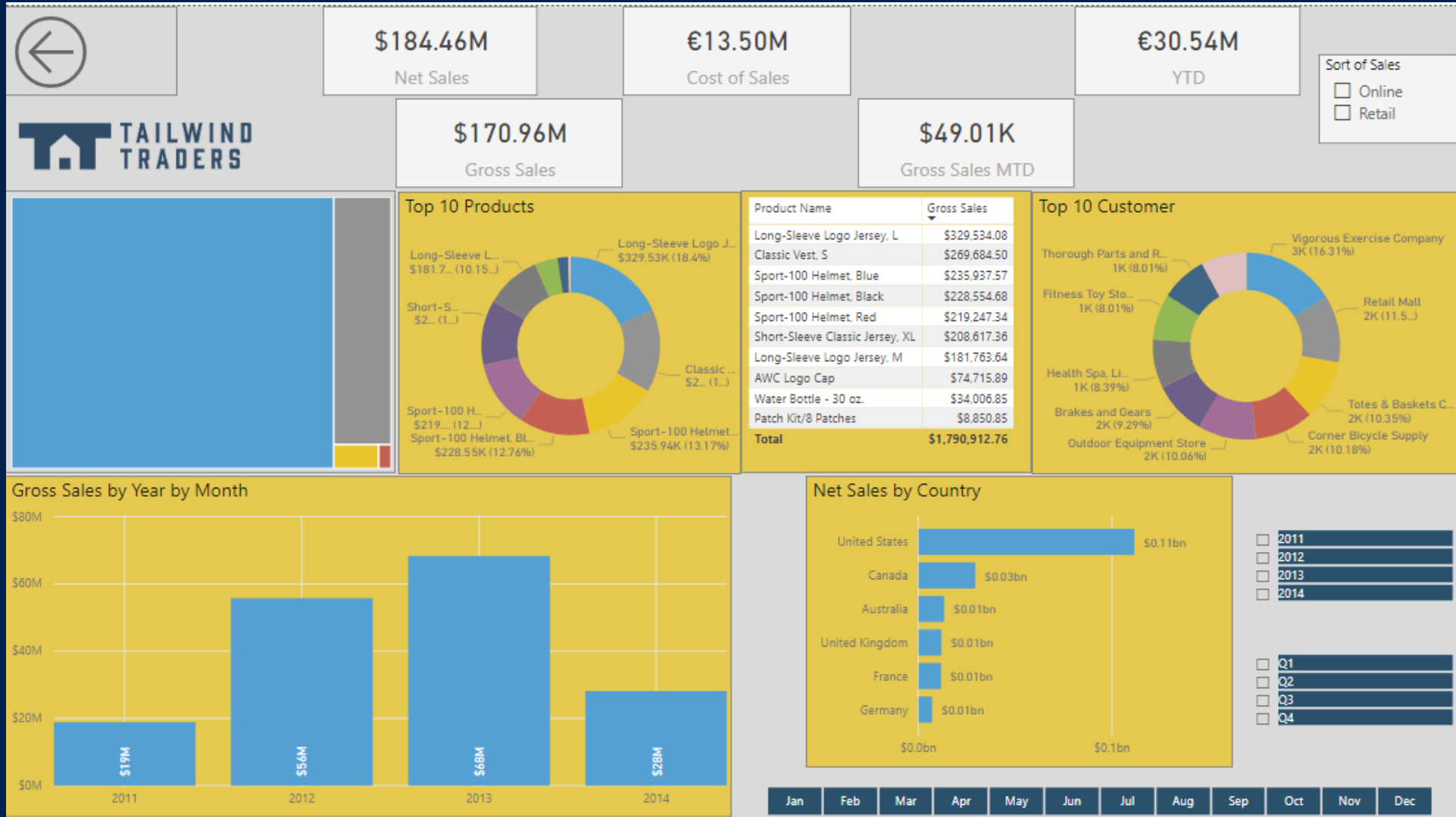
- ➔ Judul
- ➔ Tema (Red for Low, Green for High)
- ➔ Warna Latar Belakang
- ➔ Tooltip

Demo

Design a report in Power BI

Data Driven Story di Sebuah Report Power BI

Mengapa Data Driven Story Penting



Pedoman Utama

- ➔ Merancang Sketsa Report
- ➔ Menyusun dua alternatif
- ➔ Fokus pada yang paling penting
- ➔ Membuat latar belakang yang tepat dan lainnya
- ➔ Navigasi Laporan

Demo

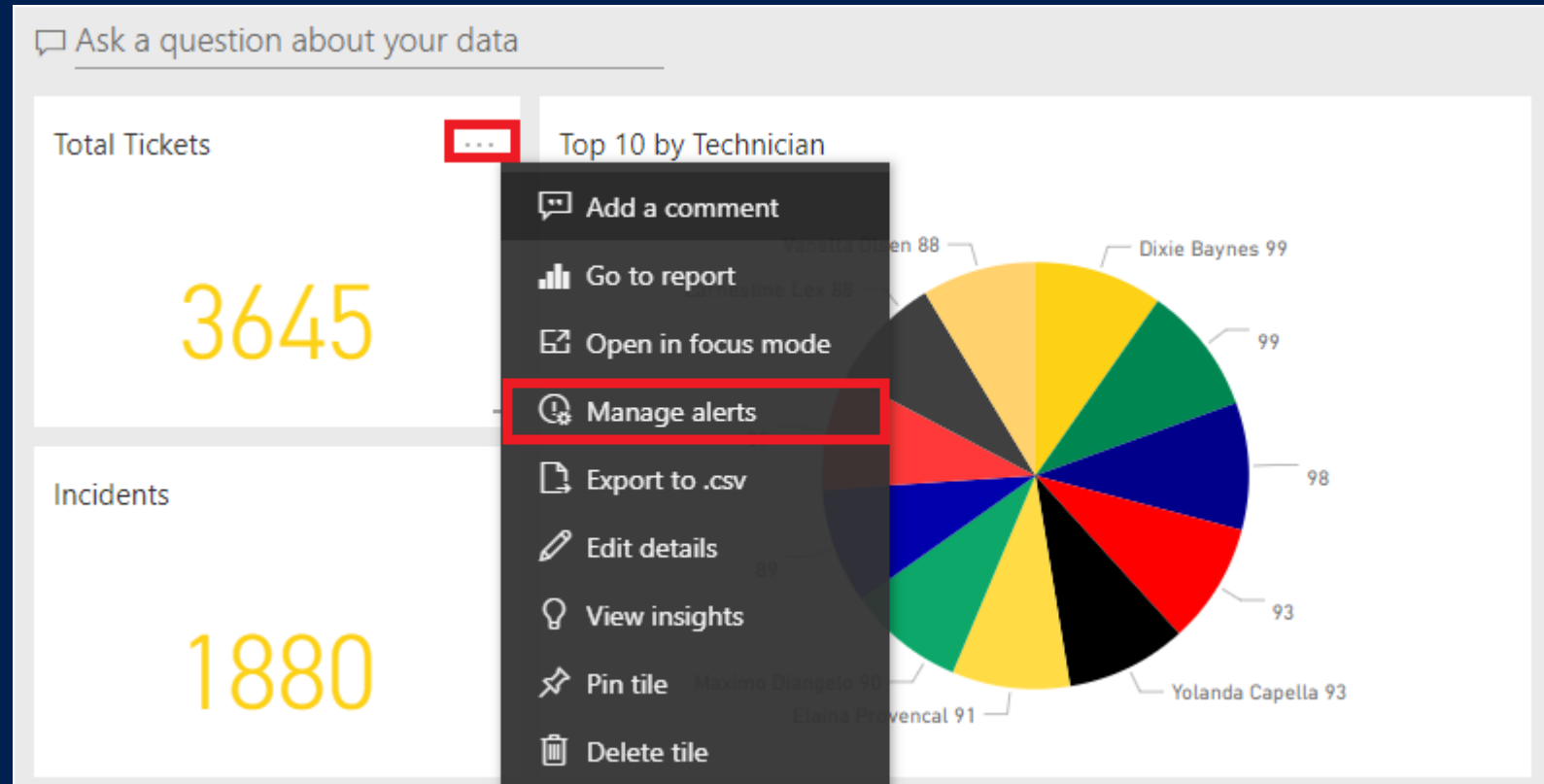
Enhance Power BI Reports with Slicers,
Interaction, and Formatting

Membuat Dashboard

Apa itu Dasbor

- ➔ Dasbor memungkinkan konsumen melaporkan untuk membuat satu artefak data terarah yang dipersonalisasi hanya untuk mereka
- ➔ dapat dibuat dari beberapa kumpulan data atau laporan.
- ➔ tidak memiliki panel Filter, Visualisasi, dan Bidang
- ➔ hanya bisa menjadi satu halaman, sedangkan laporan bisa beberapa halaman.
- ➔ dapat direfresh untuk menampilkan data terbaru

Alert di Dashboard



Demo

Activating Power BI Services

Demo

Create Power BI dashboard

Skenario dasbor

- ➔ Skenario QnA
- ➔ Data Streaming Kustom
- ➔ Mengonfigurasi Klasifikasi Data

Paginated Reports

Apa itu Paginated

➔ Paginated reports
– rendering report

➔ Baik untuk legal reports, invoice, etc

Module7 - Microsoft Report Builder

File Home Insert View

Run Paste Font Paragraph Border Number Layout

Report Data Parameters

New Edit... Built-in Fields Parameters Images Data Sources Datasets

dsProfitByInvoice

- CustomerName
- CustomerCategoryID
- CustomerCategoryName
- InvoiceNumber
- InvoiceDate
- ItemCount
- Profit
- TotalPrice

dsCustomerCategory

- CustomerCategoryID
- CustomerCategoryName

Customer Category Name

Customer Profit By Invoice

Customer	Customer	Invoice	Invoice Date	Item Count	Profit	Total Price
[CustomerName]	[CustomerCategoryName]	[InvoiceNumber]	[InvoiceDate]	[ItemCount]	[Profit]	[TotalPrice]

Chart Title

Customer Category Name A Customer Category Name B

Customer Name	Customer Category Name A (Profit)	Customer Category Name B (Profit)
Customer Name A	70	25
Customer Name B	30	55
Customer Name C	85	60
Customer Name D	95	25
Customer Name E	90	45
Customer Name F	85	80

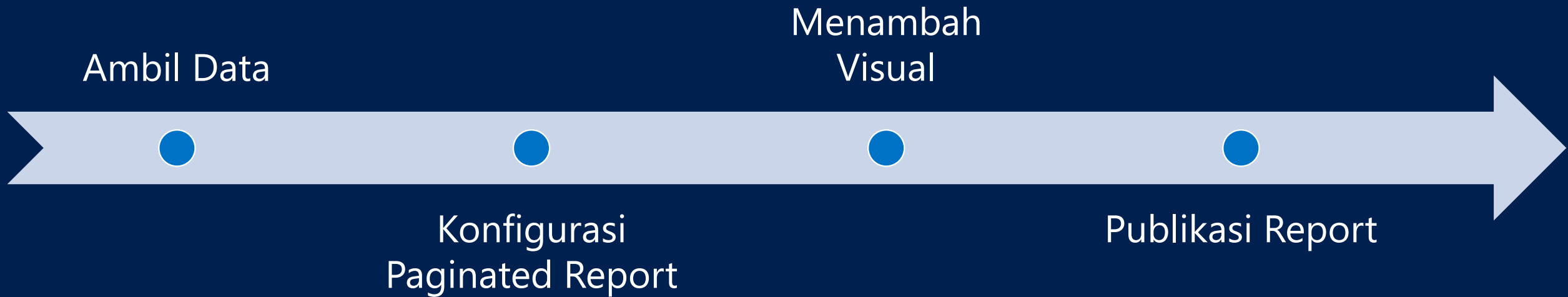
«Expr»

Row Groups (Details)

Column Groups

Current report server http://.../ReportServer Disconnect 100%

Menyusun di Paginated Reports



Demo

Menyusun Paginated Report

Kesimpulan

- ➔ Setiap bagan memiliki tujuan untuk komunikasi
- ➔ Data Driven Story dapat meningkatkan tampilan dan nuansa laporan
- ➔ Dashboard adalah laporan visual yang berfokus untuk cerita tertentu.
- ➔ Laporan halaman akan membantu membuat laporan siap cetak