Sadikul Haque Sadi

BSSE 1003
Exam Roll 61007

Company Profile

Founded in 1999

Outsourcing based software developing entity

Provides global software solution

35-40 developers

Working Experience

Online Office

Flexible working hour

No restricted deadlines

Friendly and Co-operative

Appreciation & Gratitude

Project Work

Overview	
Project Name & Description	Not sharable
Team Size	5
Team member’s designation	Team Lead(1), Software Engineers(3), Software QA engineer(1)
Technology Used	Microsoft ASP.NET Core, C#, jQuery, TypeScript, **MS Power BI, SQL Server**
Deployment	Microsoft Azure

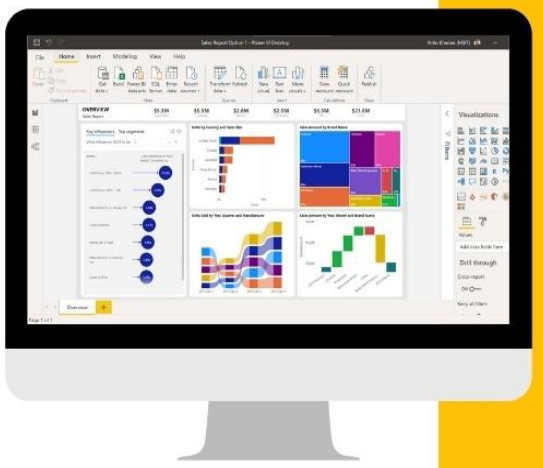
My Contribution

Not involved directly

R & D Work

Technology

What is Power BI?



Power BI

A data analytics tool

Data modeling & Visualizing tool

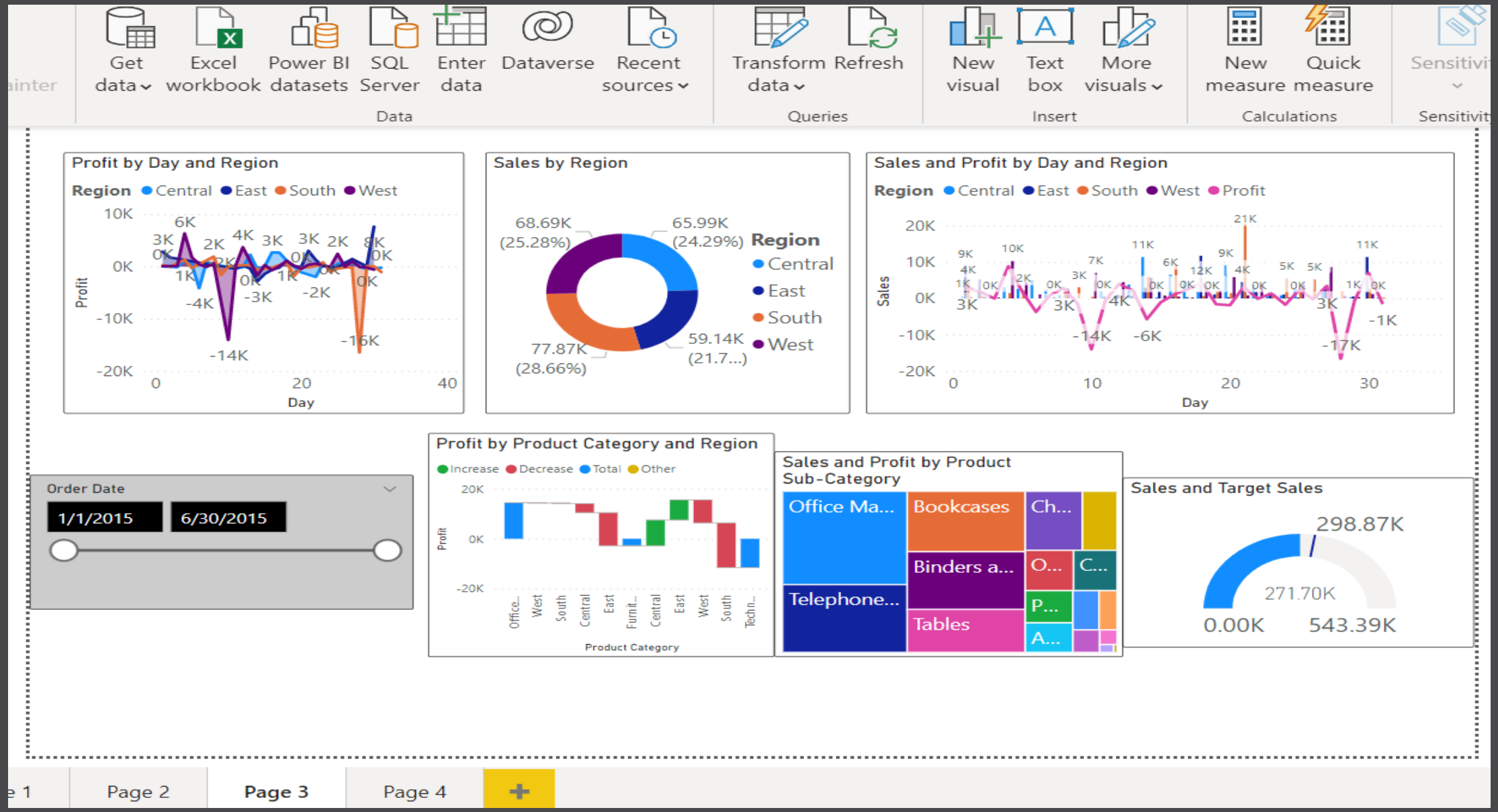
Report building utility

My Contribution

R & D Work

- Learning phase
- Report Creating & Data Visualizing
- Power Query
- DAX writing
- Report Publishing & Embedding

Data Visualization



Data Transformation

Power Query Editor

Data Preprocessing

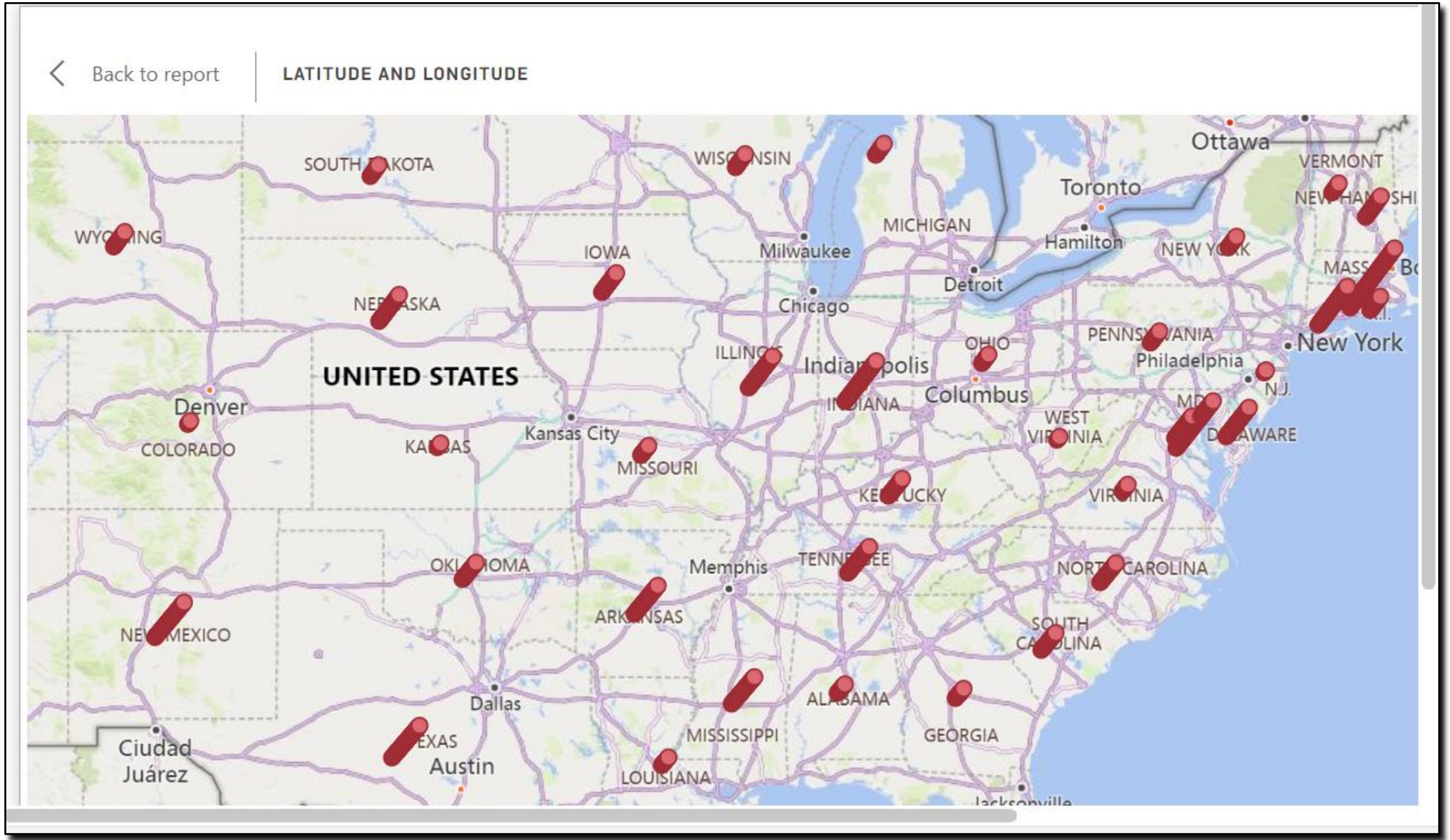
User Interface

Structuring Raw Data

M formula language

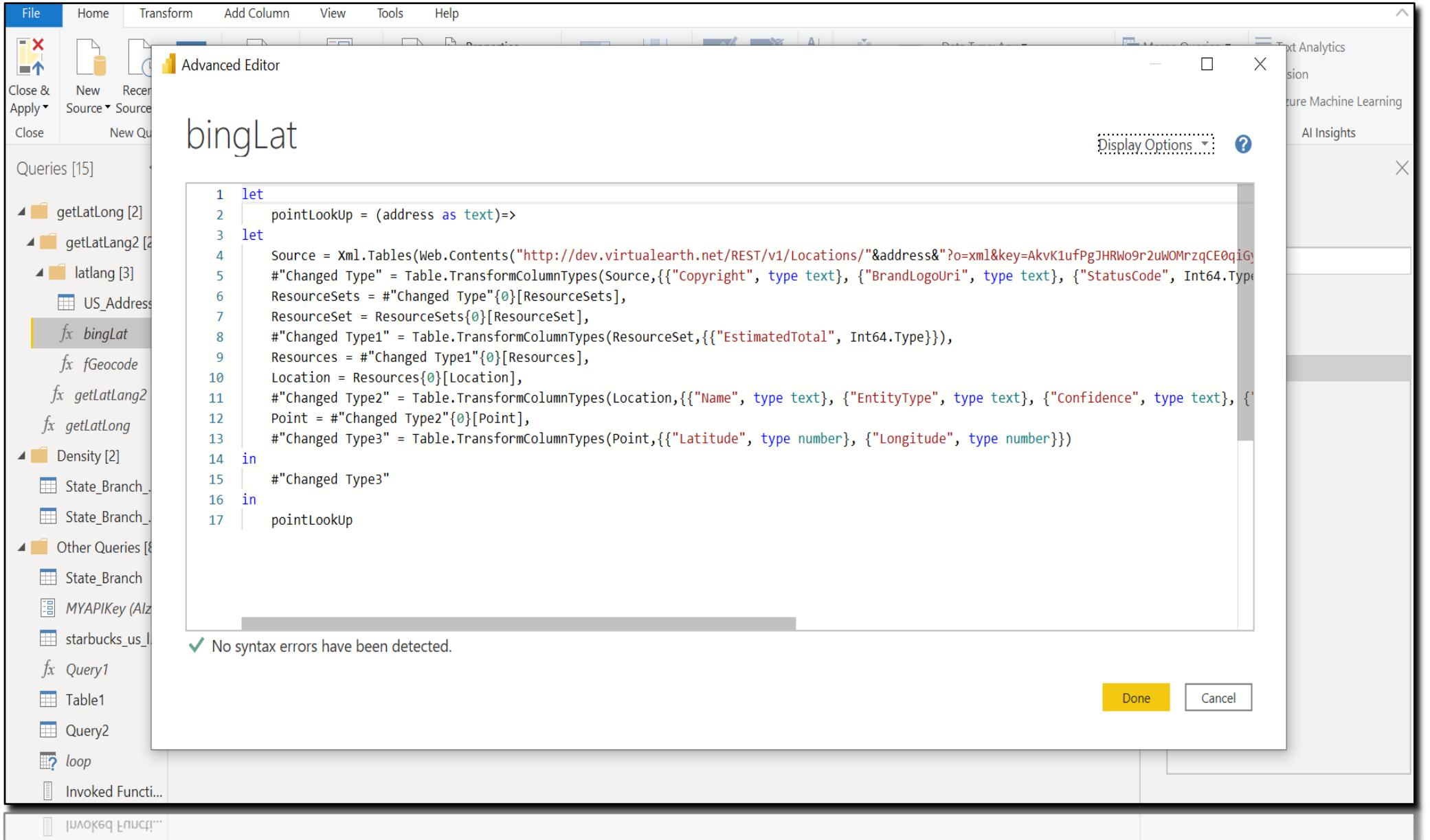
Data Transformation

Dot Density Map



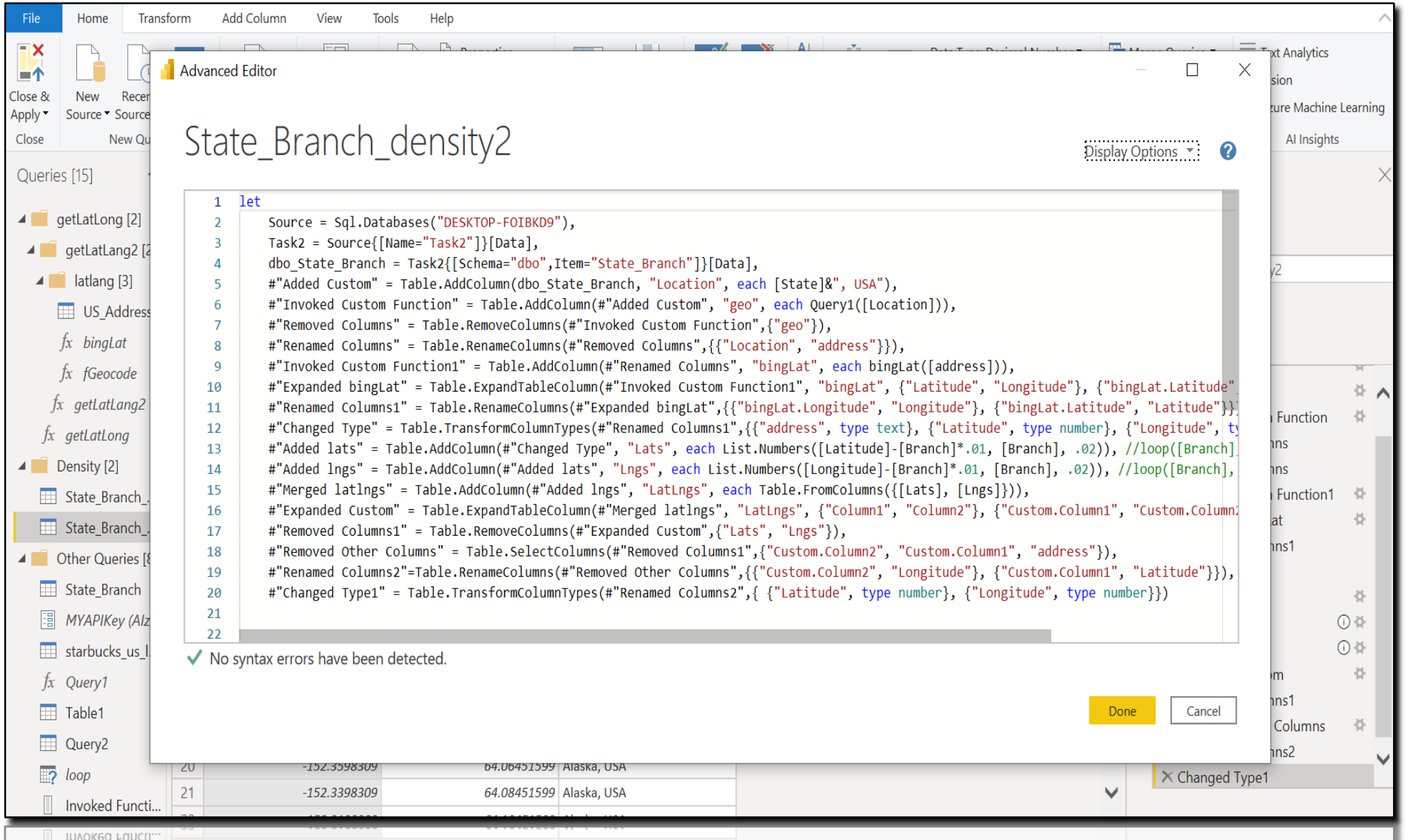
Power Query

M formula language



Power Query

M formula language



Data Modelling

DAX - **D**ata **A**nalysis E**x**pression

Calculated columns

Functional Language

Measures

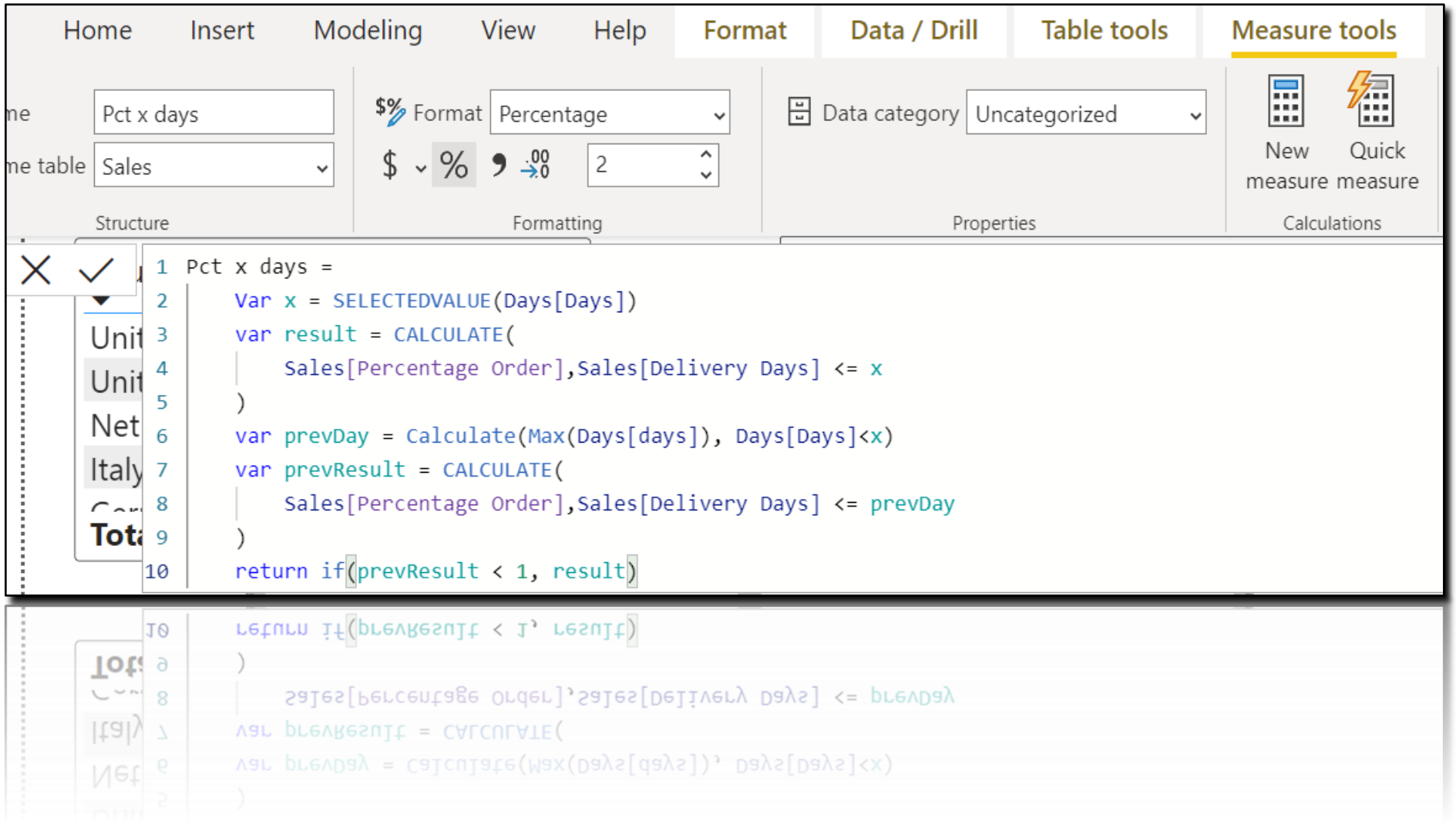
Built in functions

Custom tables

Create new information

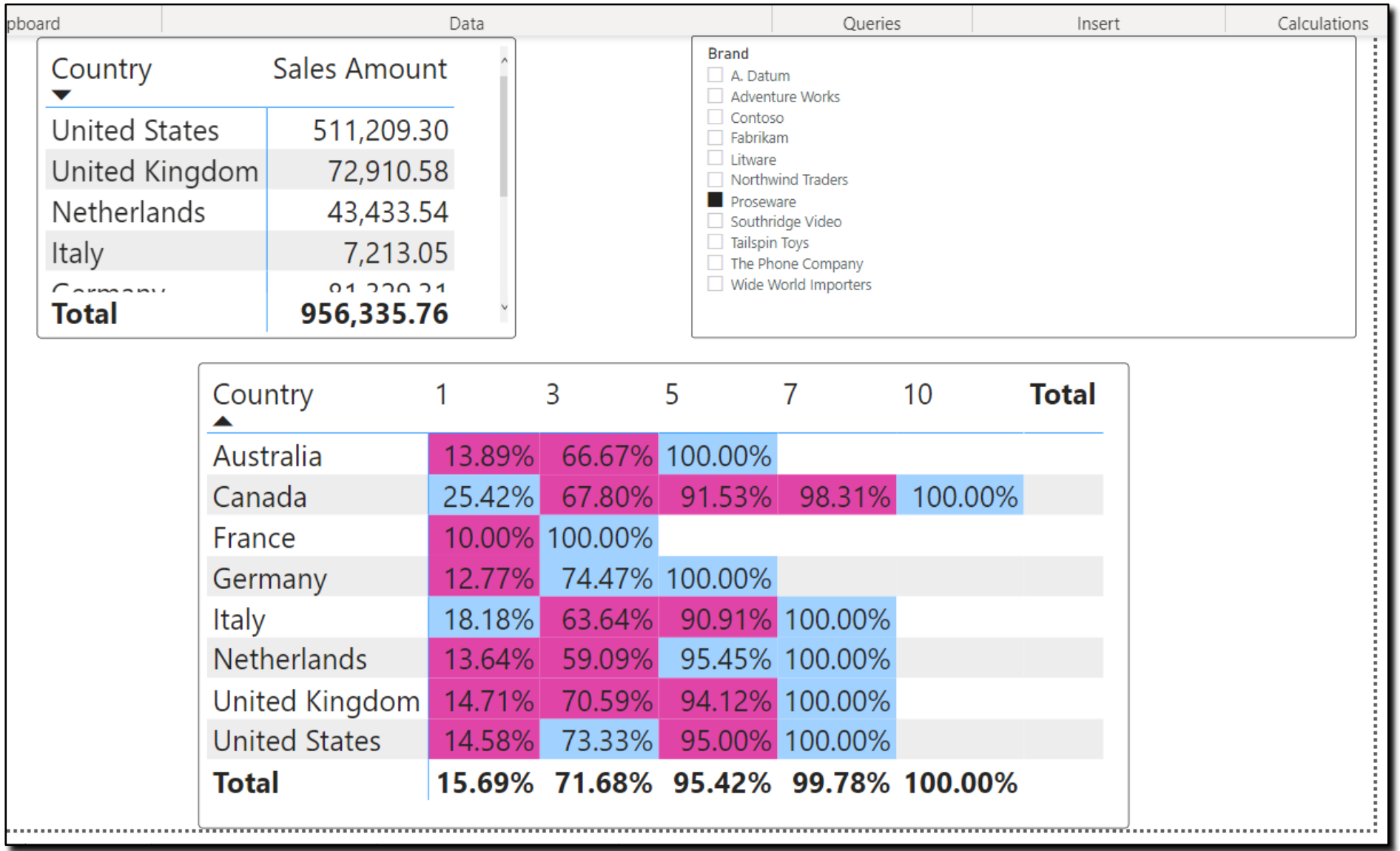
Data Modelling

DAX - **D**ata **A**nalysis E**x**pression



Data Modelling

DAX - **D**ata **A**nalysis E**x**pression



Country	1	3	5	7	10	Total
Australia	13.89%	66.67%	100.00%			
Canada	25.42%	67.80%	91.53%	98.31%	100.00%	
France	10.00%	100.00%				
Germany	12.77%	74.47%	100.00%			
Italy	18.18%	63.64%	90.91%	100.00%		
Netherlands	13.64%	59.09%	95.45%	100.00%		
United Kingdom	14.71%	70.59%	94.12%	100.00%		
United States	14.58%	73.33%	95.00%	100.00%		
Total	**15.69%**	**71.68%**	**95.42%**	**99.78%**	**100.00%**	

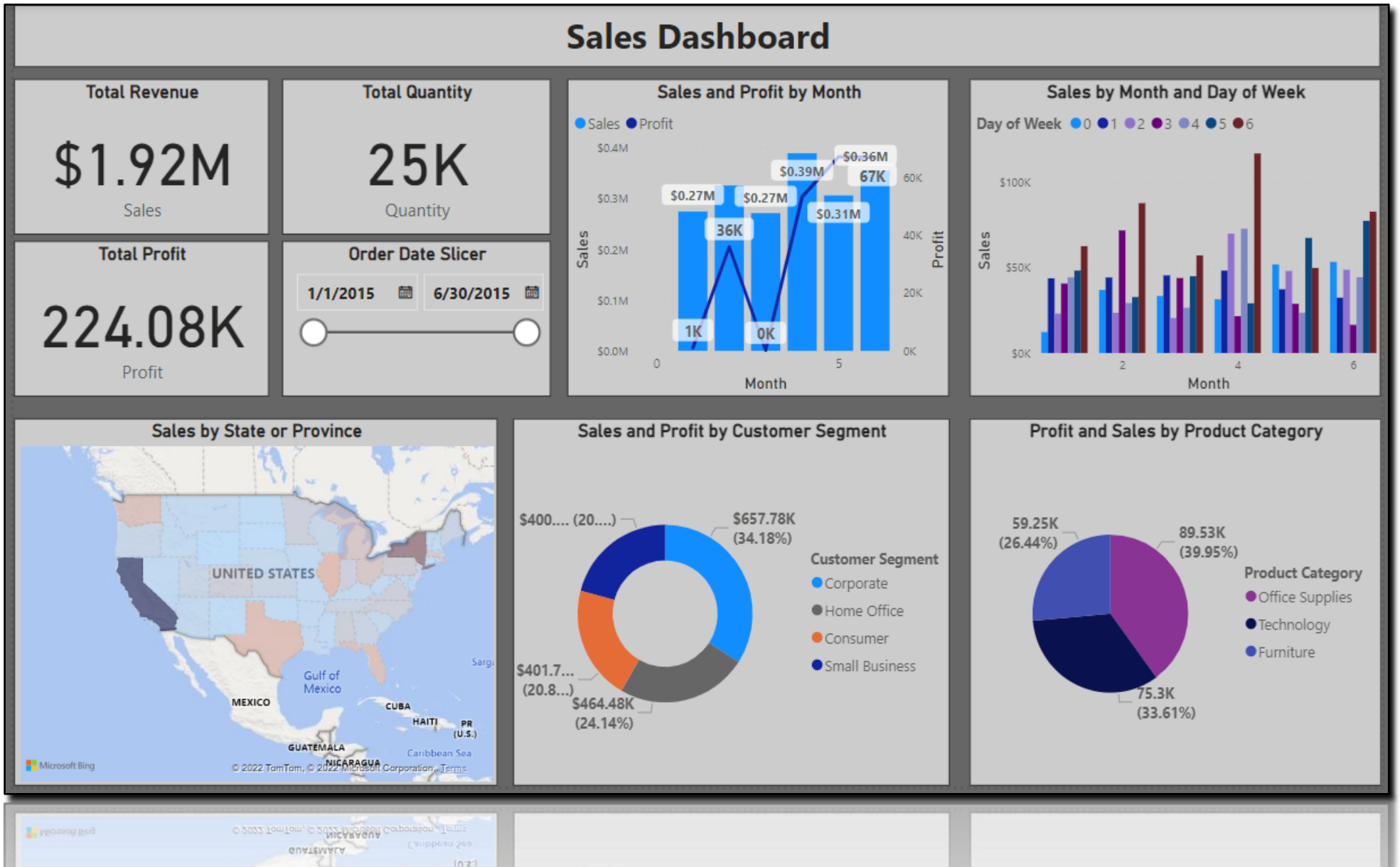
Data Modelling

DAX - **D**ata **A**nalysis E**x**pression

```
#deliveries till x th day
Pct x days =
    Var x = SELECTEDVALUE(Days[Days])
    var result = CALCULATE(
        Sales[Percentage Order],Sales[Delivery Days] <= x
    )
    return result


#return result less than 1
Pct x days =
    Var x = SELECTEDVALUE(Days[Days])
    var result = CALCULATE(
        Sales[Percentage Order],Sales[Delivery Days] <= x
    )
    return if(result<1, result)

#show 100 only once
Pct x days =
    Var x = SELECTEDVALUE(Days[Days])
    var result = CALCULATE(
        Sales[Percentage Order],Sales[Delivery Days] <= x
    )
    var prevDay = Calculate(Max(Days[days]), Days[Days]<x)
    var prevResult = CALCULATE(
        Sales[Percentage Order],Sales[Delivery Days] <= prevDay
    )
    return if(prevResult < 1, result)



#conditional color fomatting - background colors to matrix cells values
Colour =
var currentValue = [Pct x days]
var totalValue = CALCULATE(
```

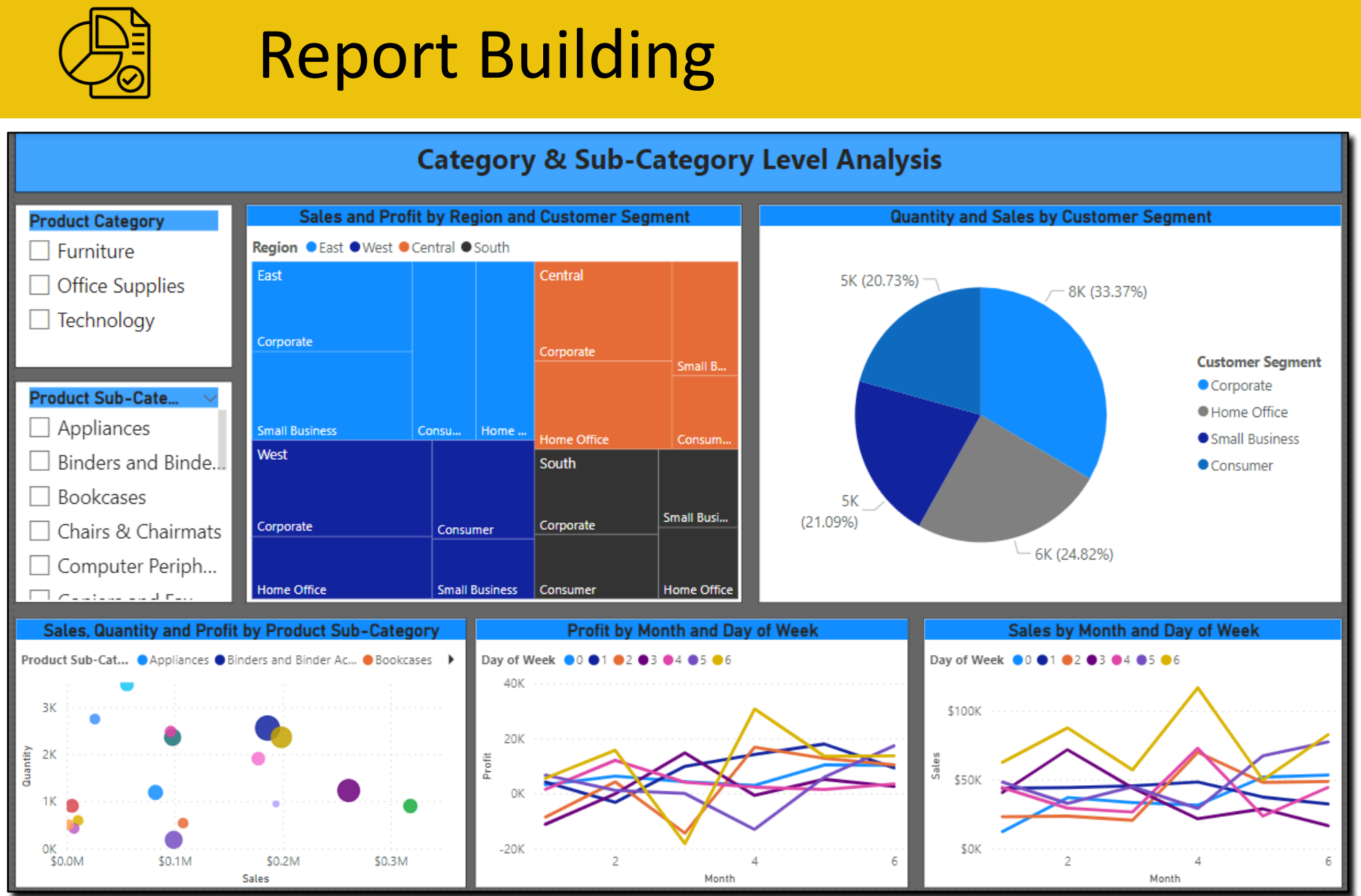
Report Building

Report
&
Dashboard



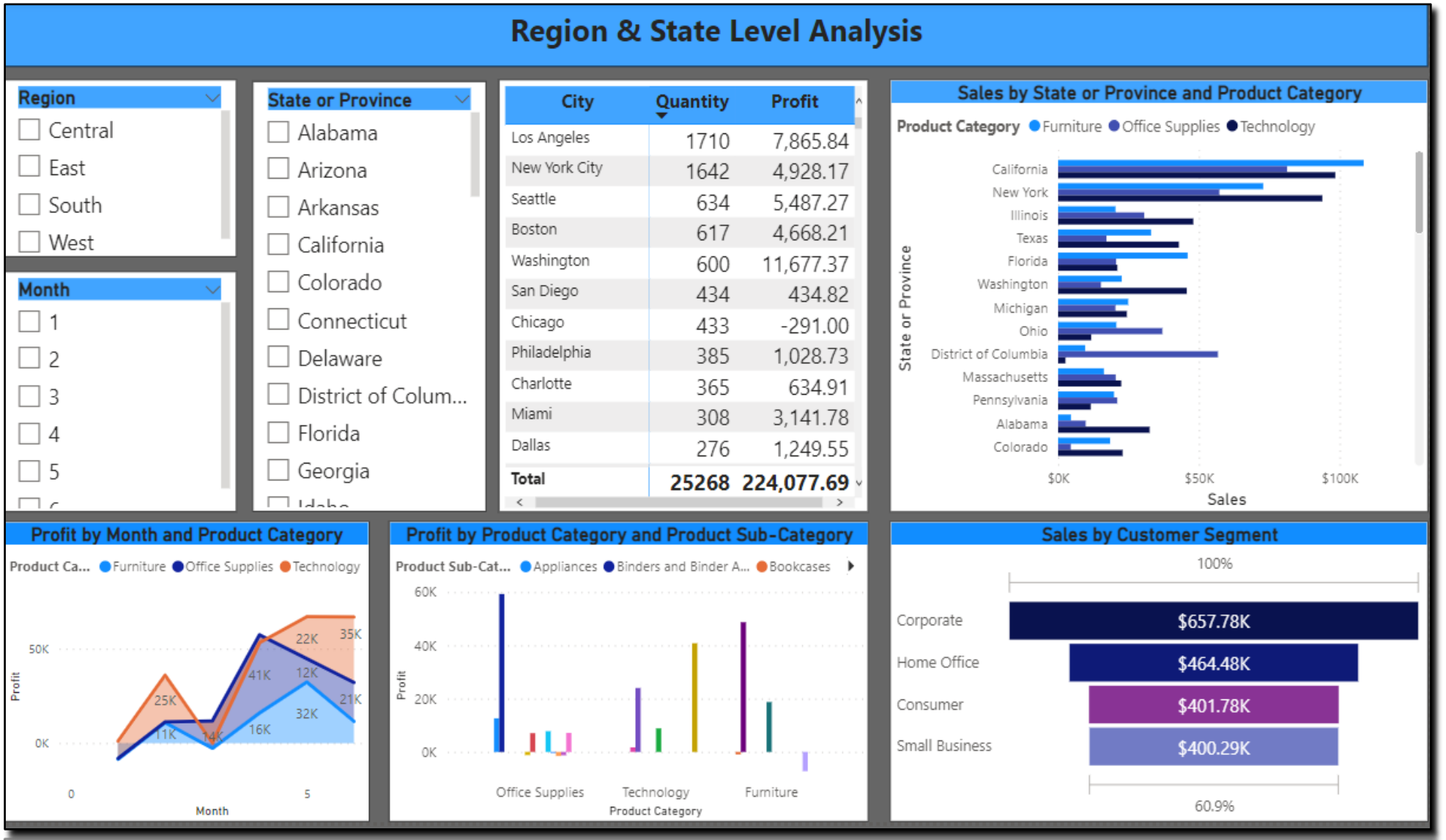
Report Building

Report
&
Dashboard



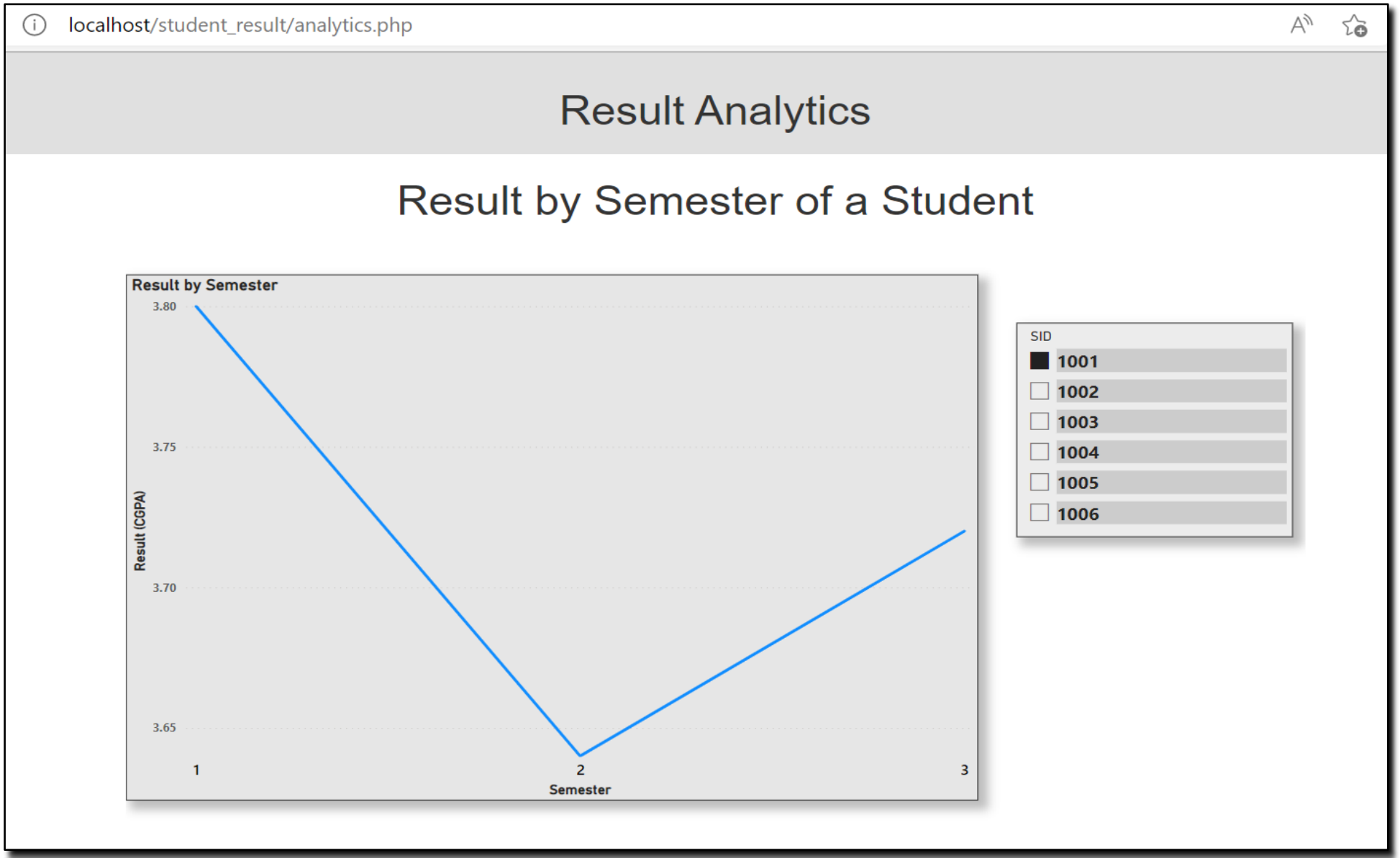
Report Building

Report
&
Dashboard



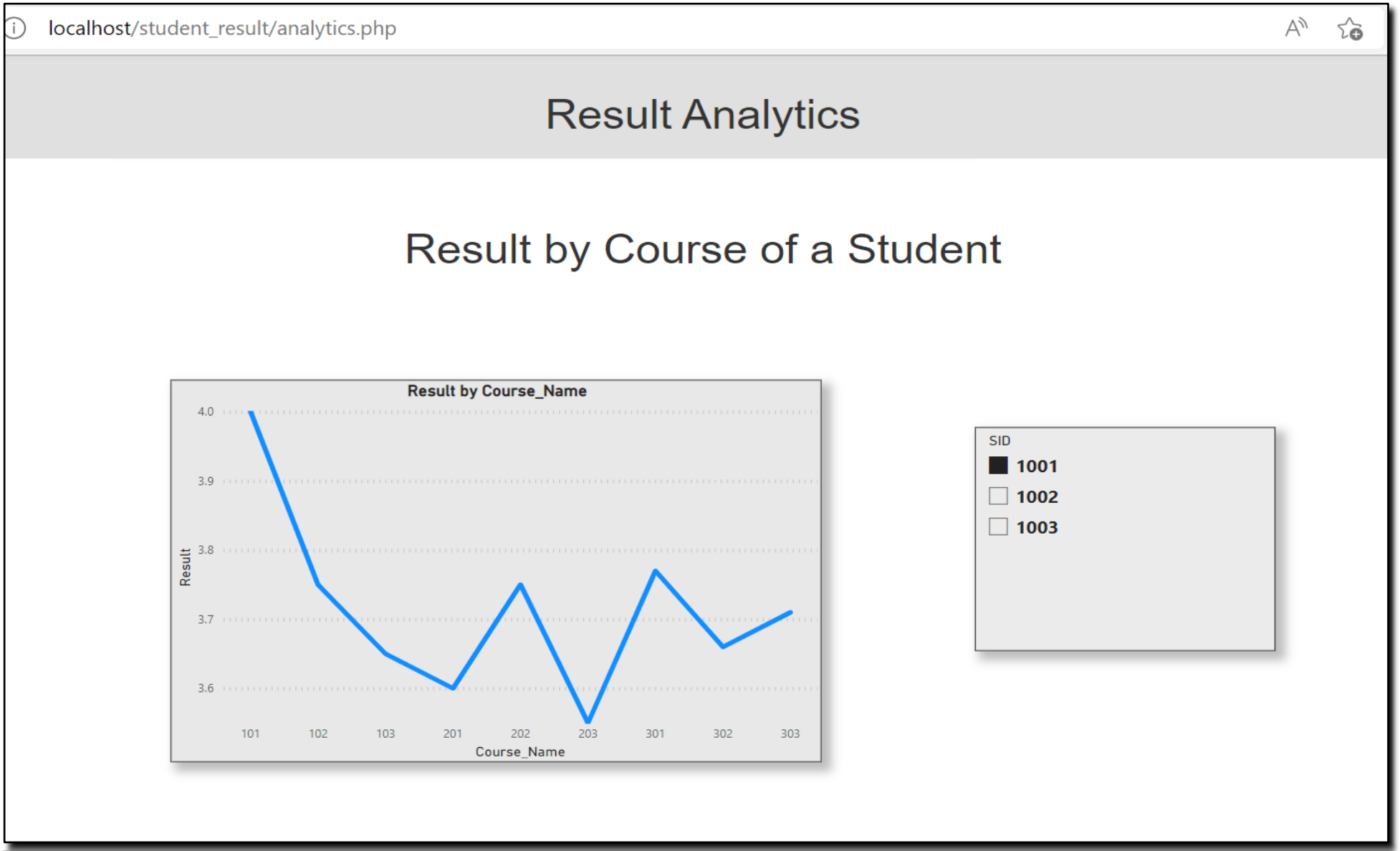
Report Publishing

Report Embedding In a Website



Report Publishing

Report Embedding In a Website



Soft Skills

Communication skill

Negotiating skill

Time management

Self-esteem


Q & A

Thank you