Advanced Data Analytics

Data Analytics Options to Use

1. Desktop Spreadsheets

2. Cloud Spreadsheets

3. Programming Languages

4. Softwares

5. Cloud Providers' Services

1) Desktop Spreadsheets

- Microsoft Excel

- LibreOffice Calc

- OpenOffice Calc

2) Cloud Spreadsheets

- Google Sheets

- Microsoft 365 Online Excel

3) Programming Languages

- Python

- R

- Julia

4) Softwares

- **Tableau** which can be deployed
  - on-premises
  - on Tableau Cloud
  - on Public Cloud Providers:
    - Amazon Web Services
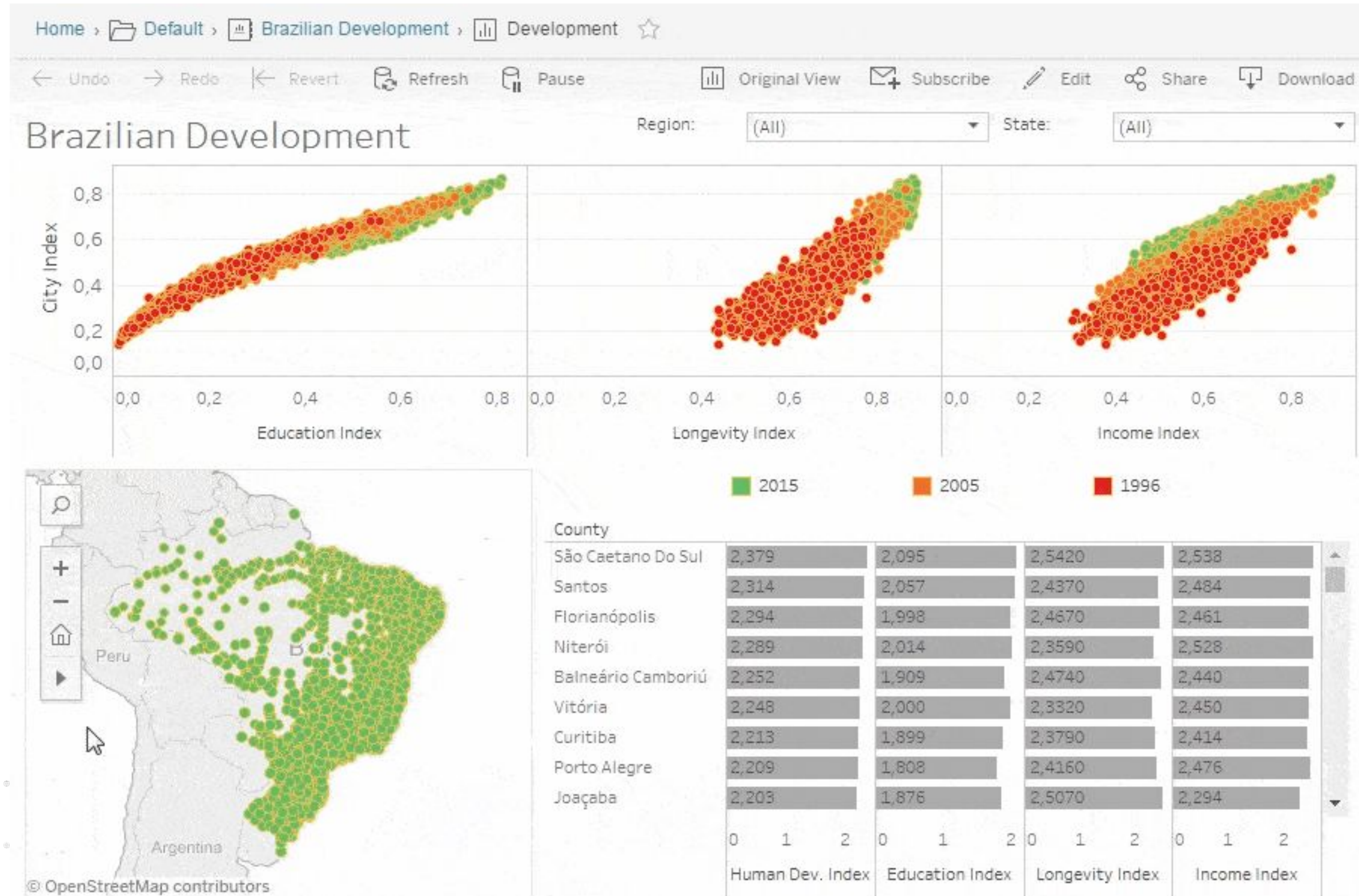   - Microsoft Azure
    - Google Cloud
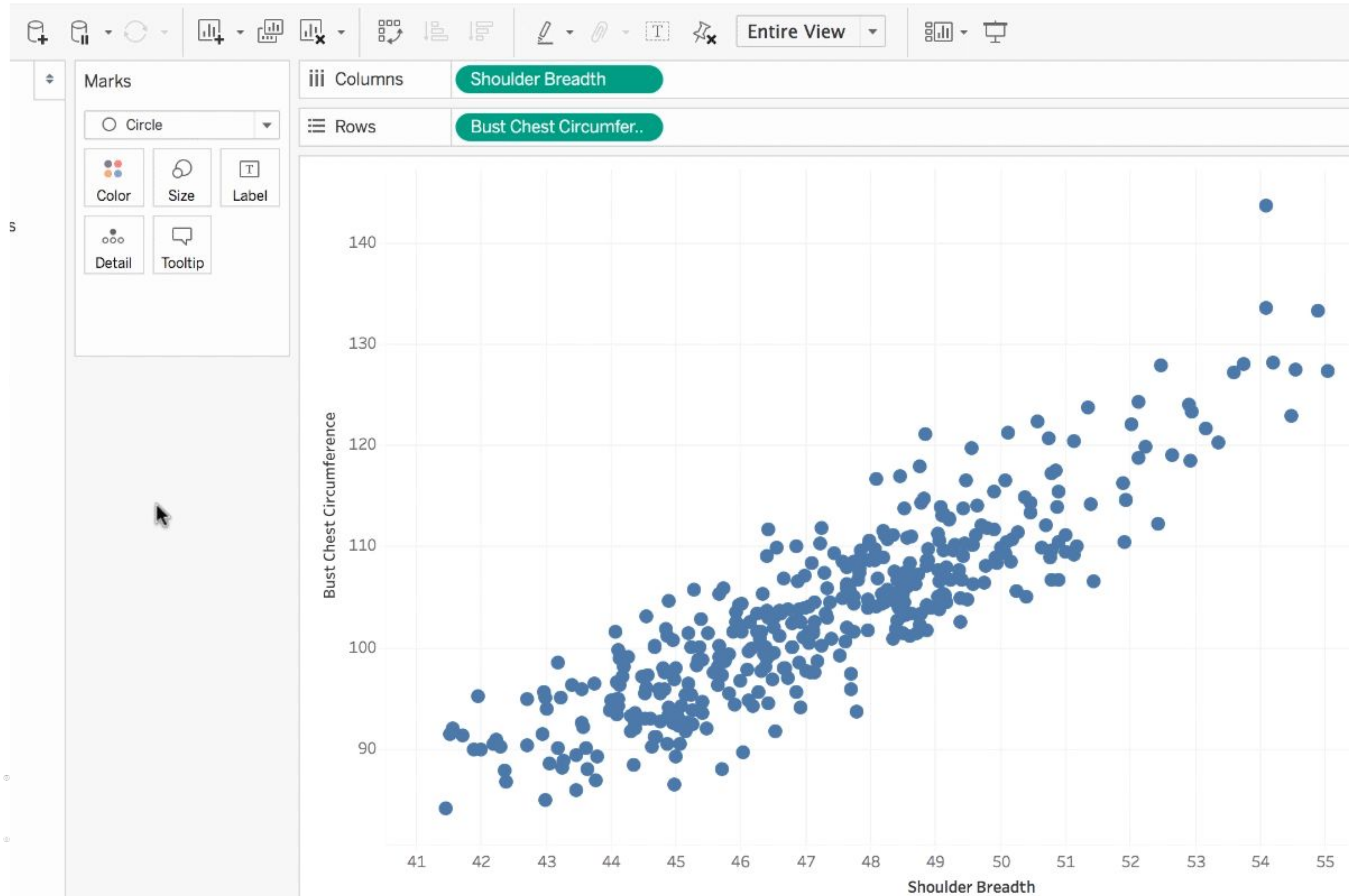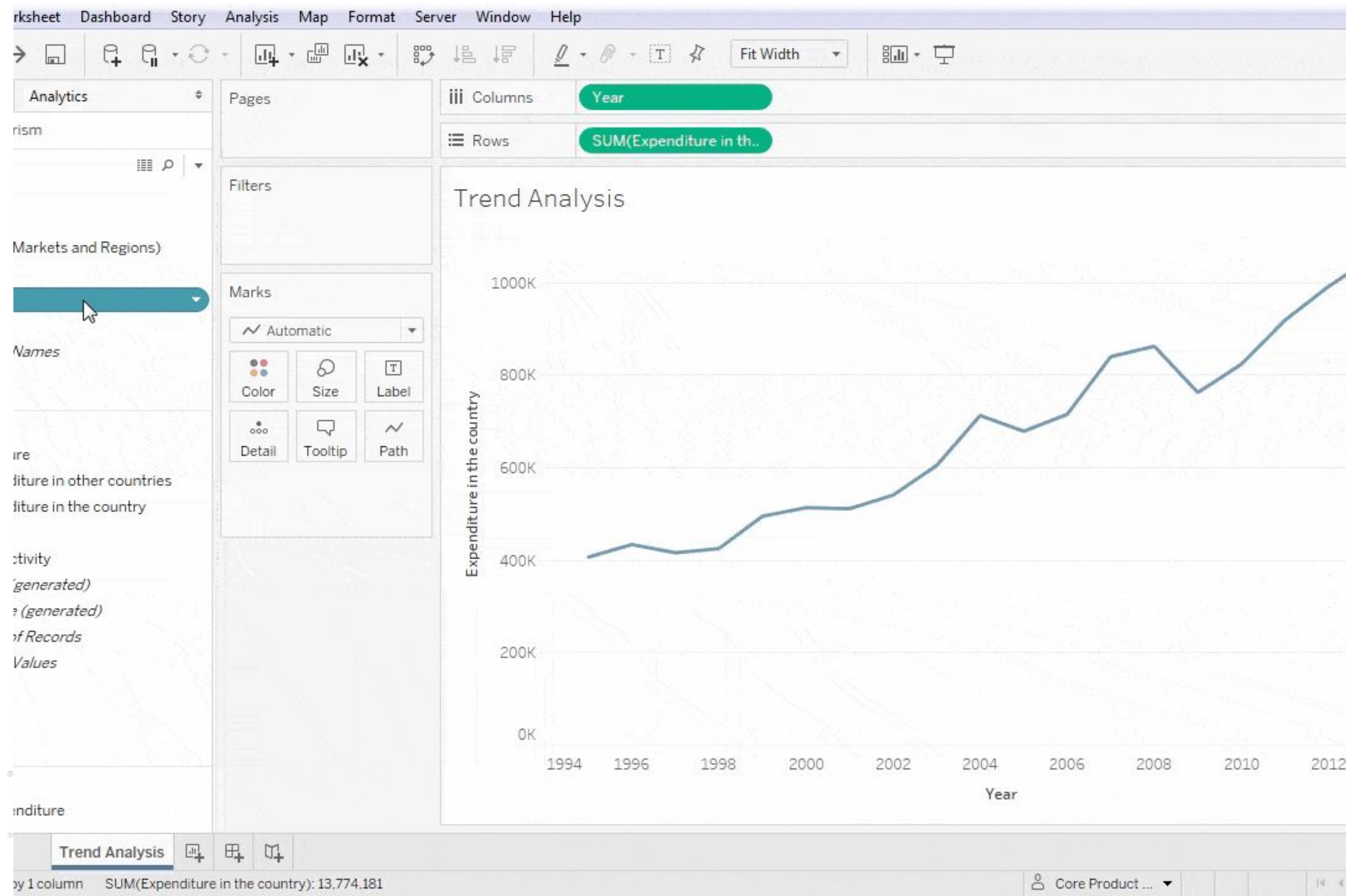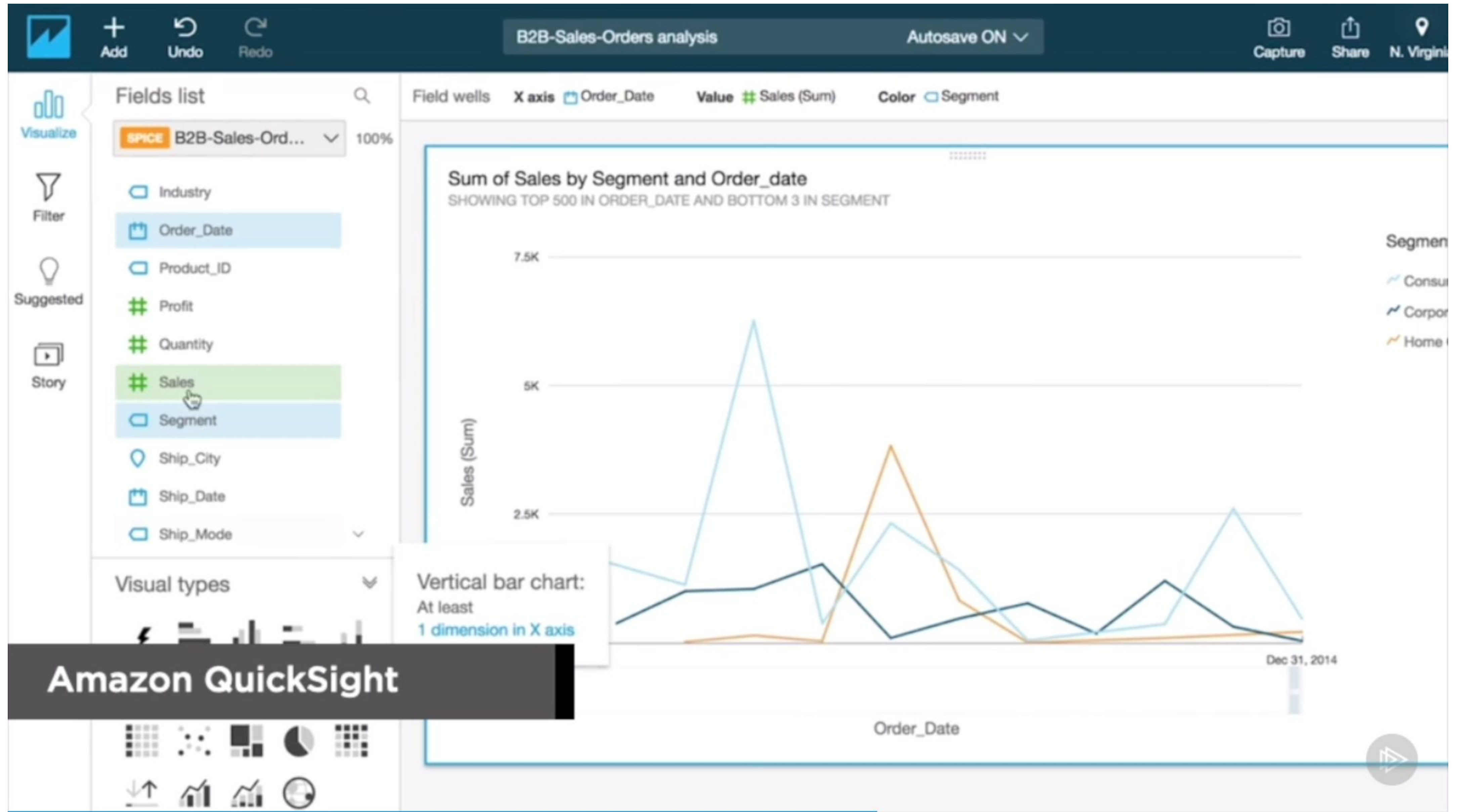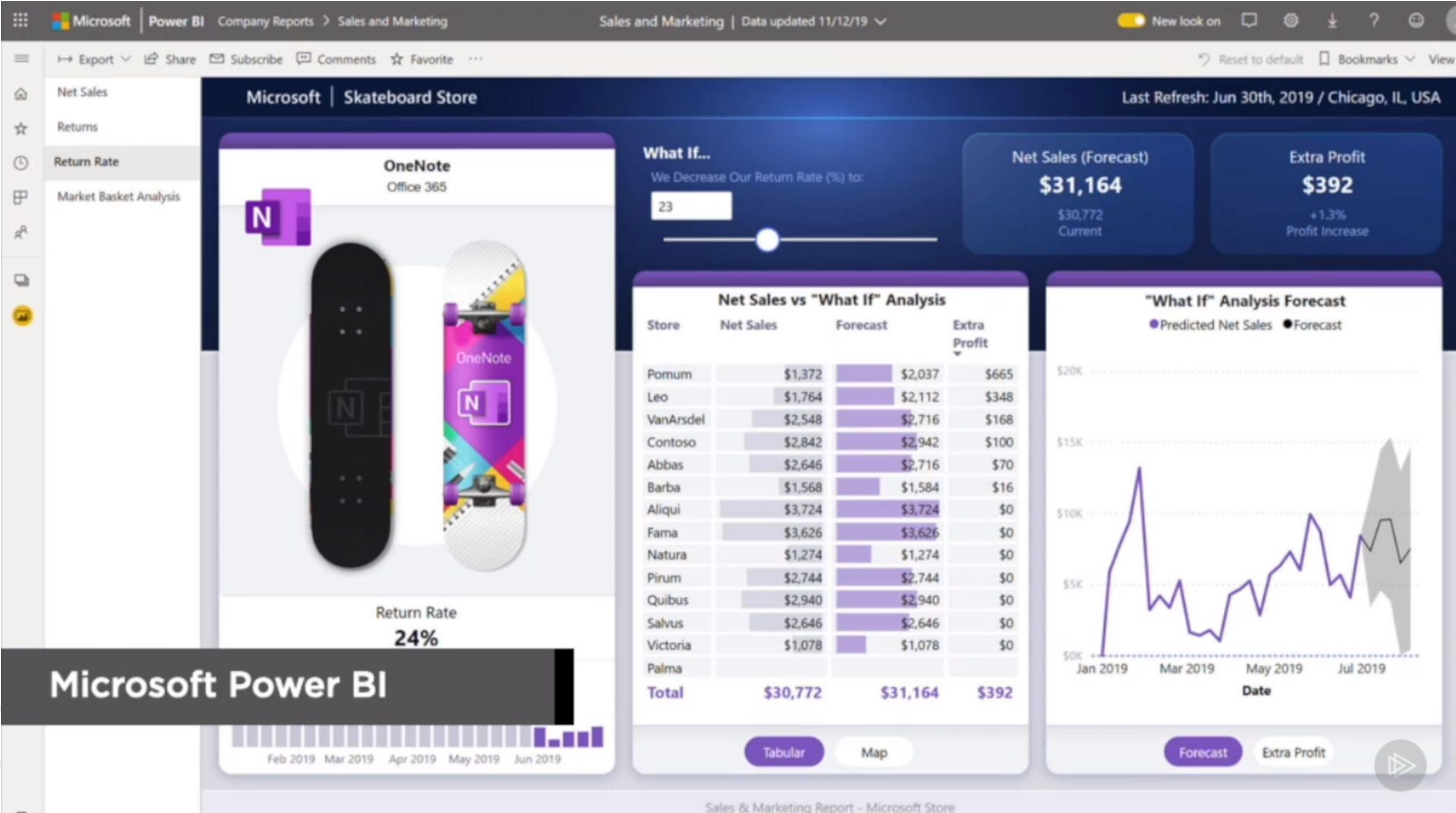
Tableau - Example 1

Tableau - Example 2

Tableau - Example 3

5) Cloud Providers' Services
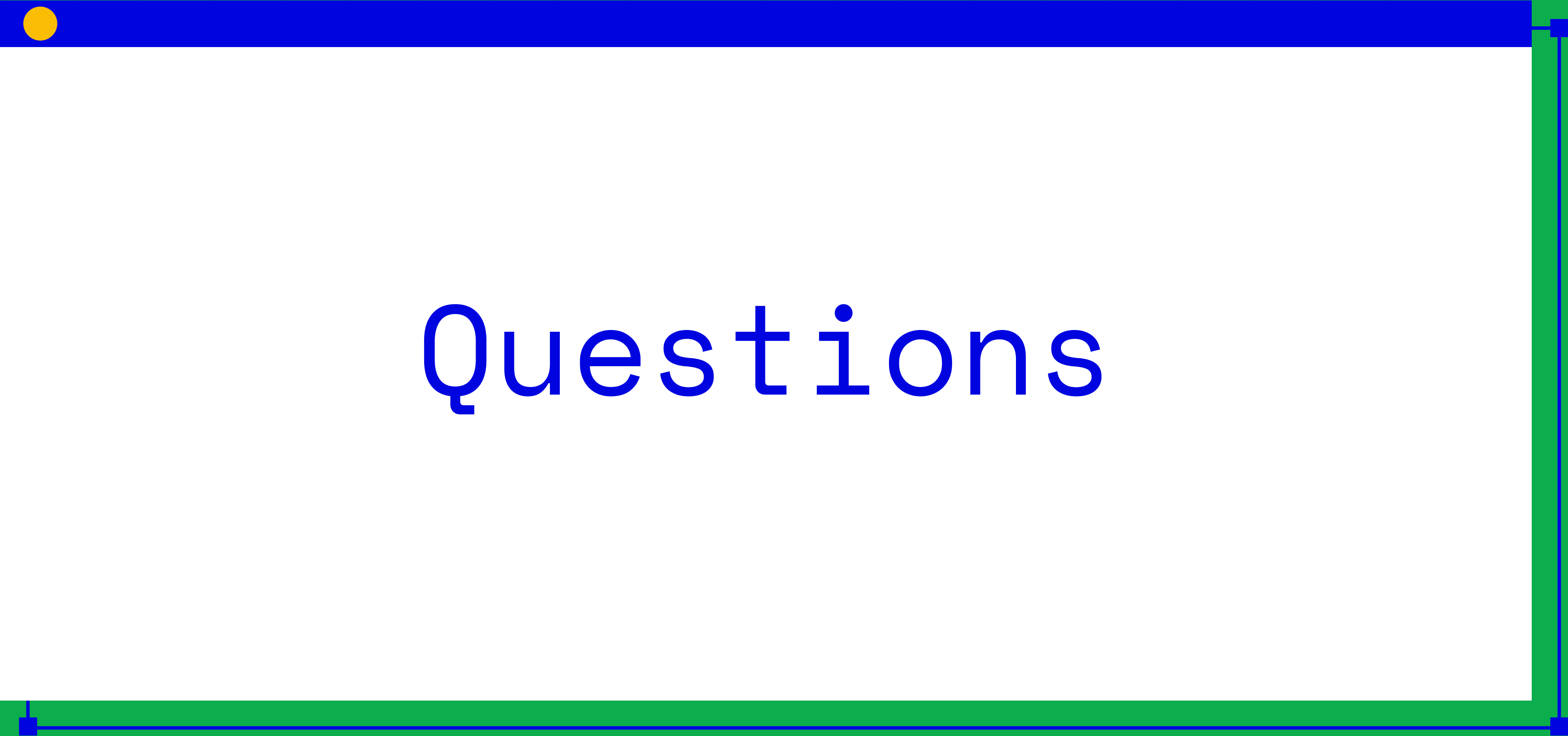
Data Warehouse	Visualization and BI Service	Cloud Provider	Parent Company
Redshift	**QuickSight**	Amazon Web Services (AWS)	Amazon
Synapse Analytics	**Power BI**	Microsoft Azure	Microsoft
BigQuery	**Looker**	Google Cloud	Alphabet Inc.

Amazon QuickSight

Microsoft Power BI

Questions

Links

https://github.com/FCAI-B/da