

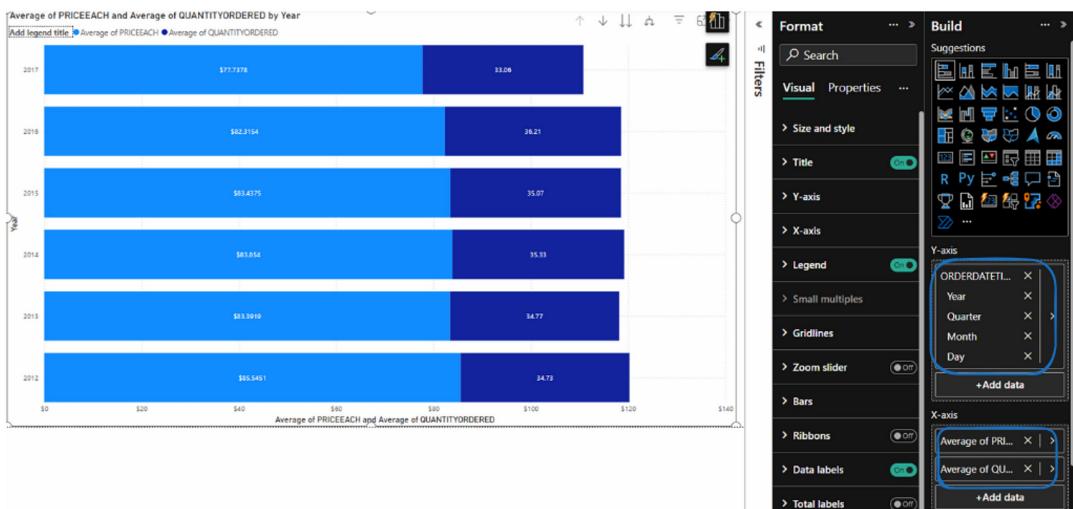
## CN-Lec14 - Visualization in Power BI - 2

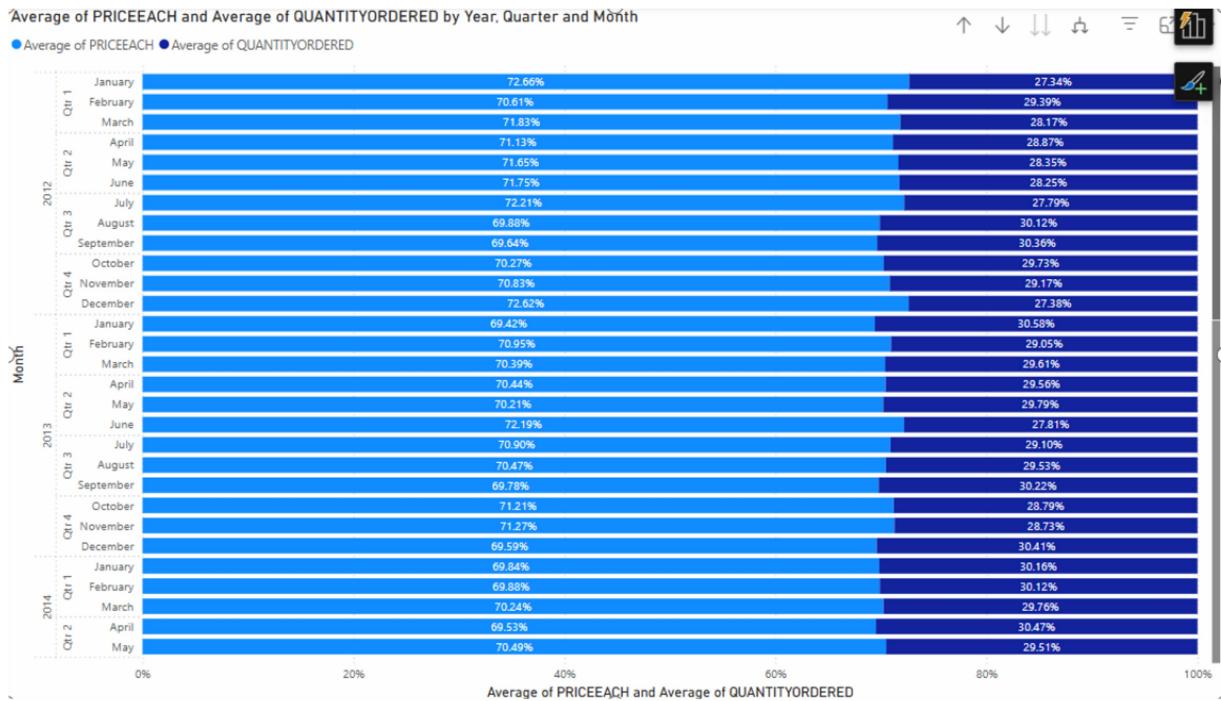
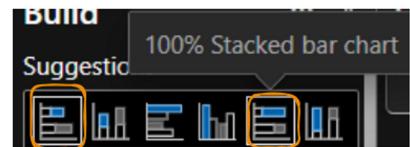
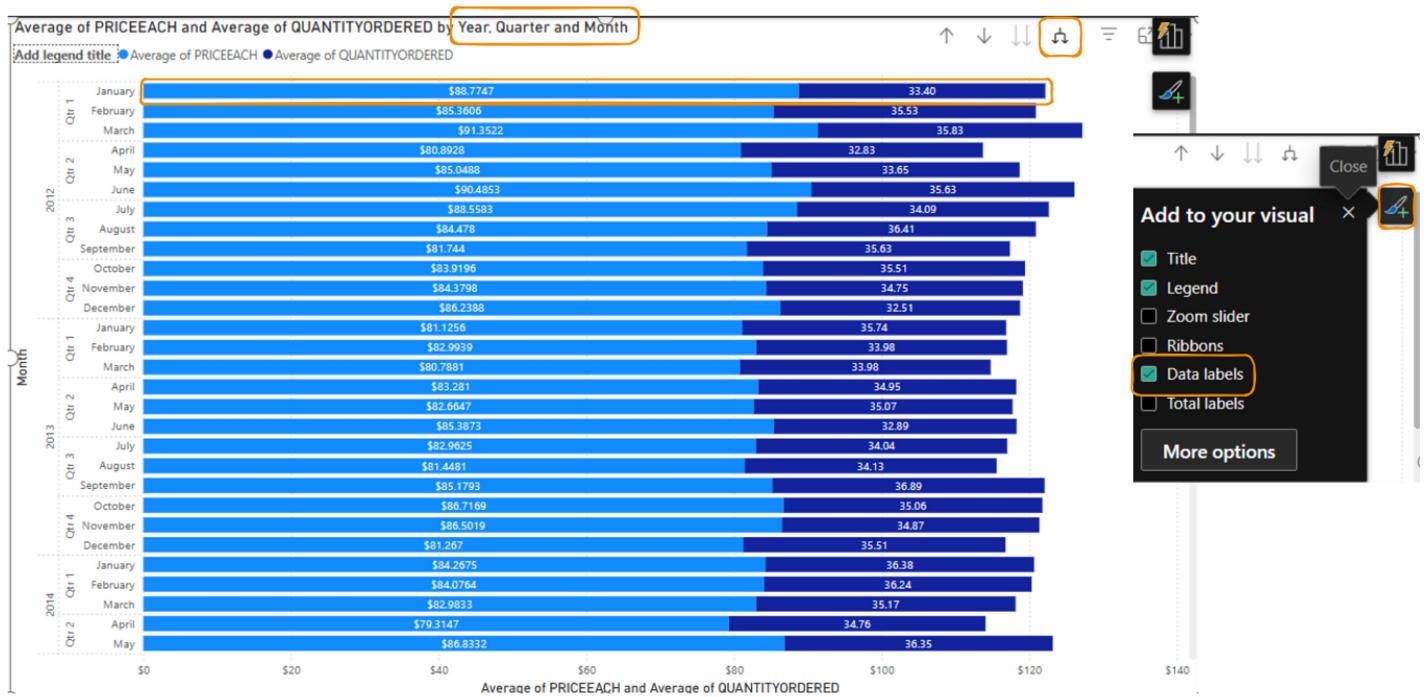
### Visualization in Power BI - 2

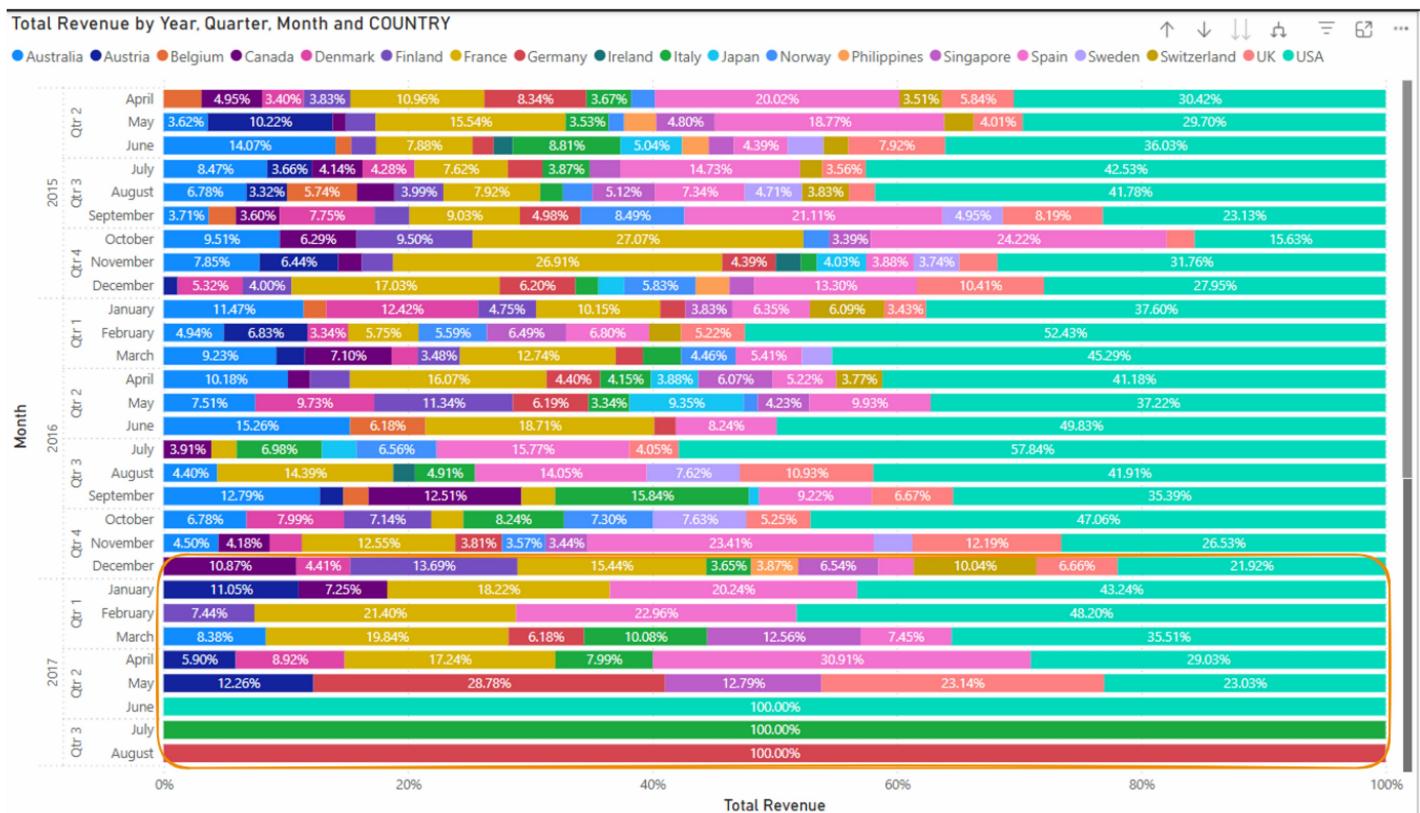
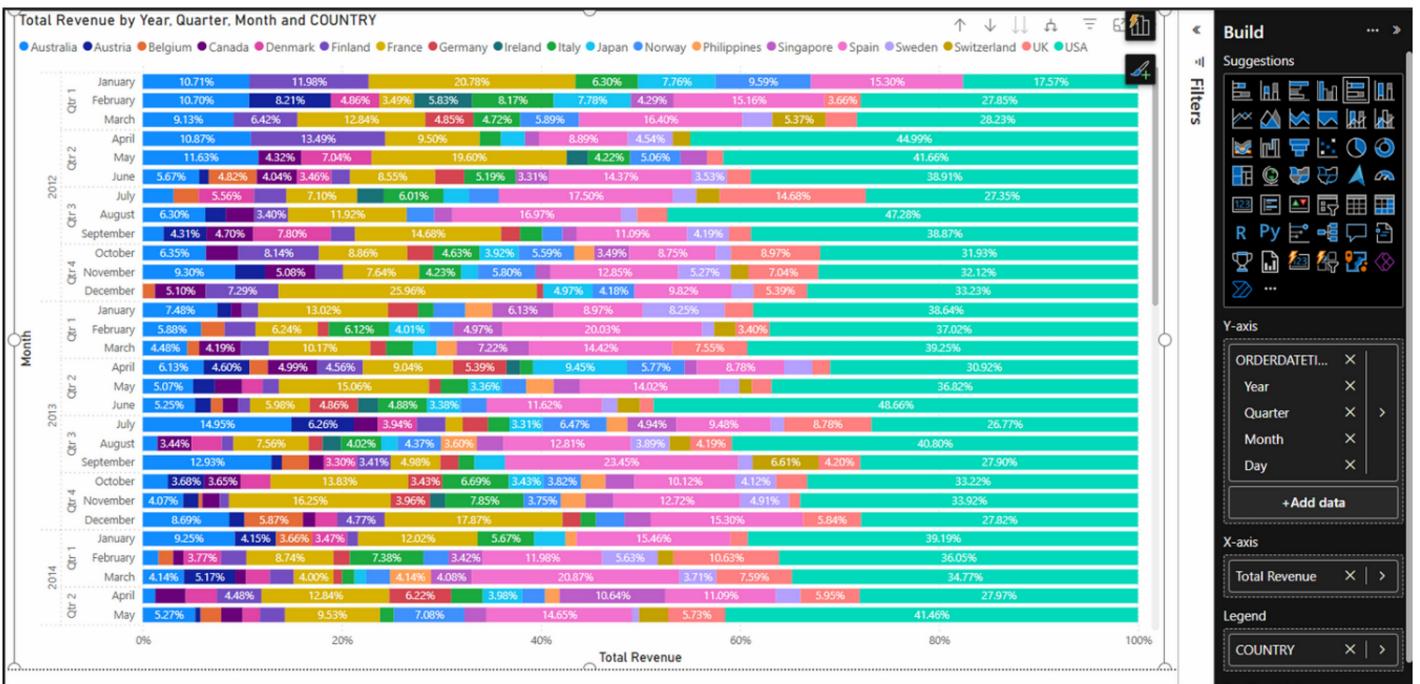


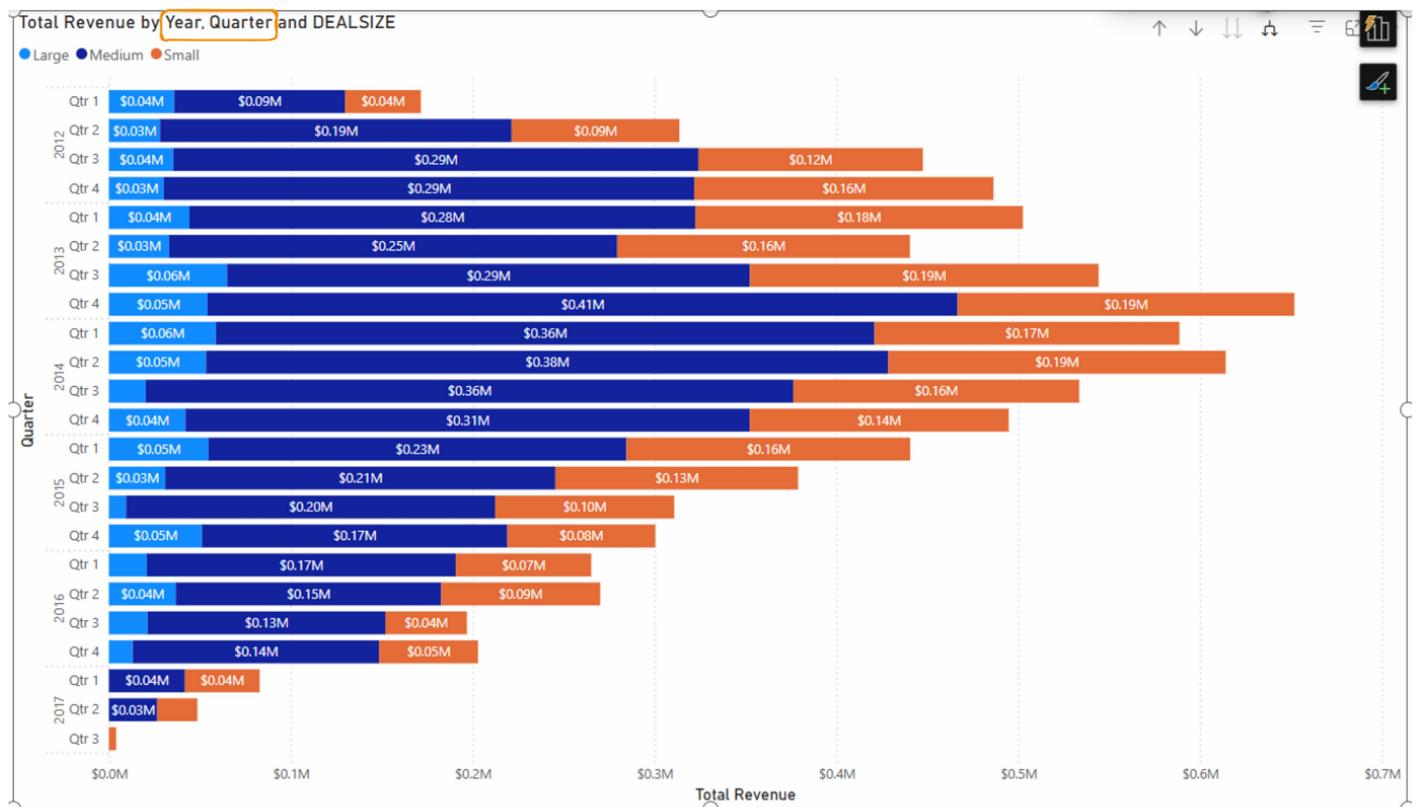
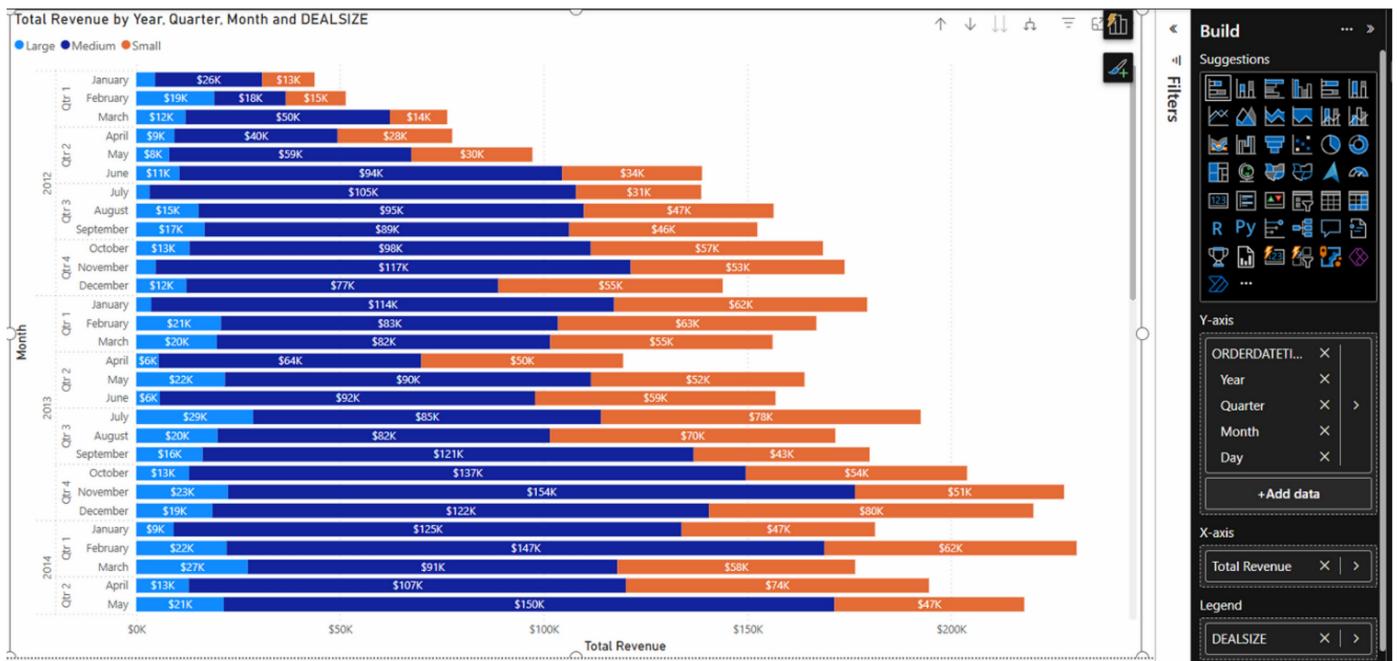


### Stacked Bar Chart Vs Clustered Bar Chart

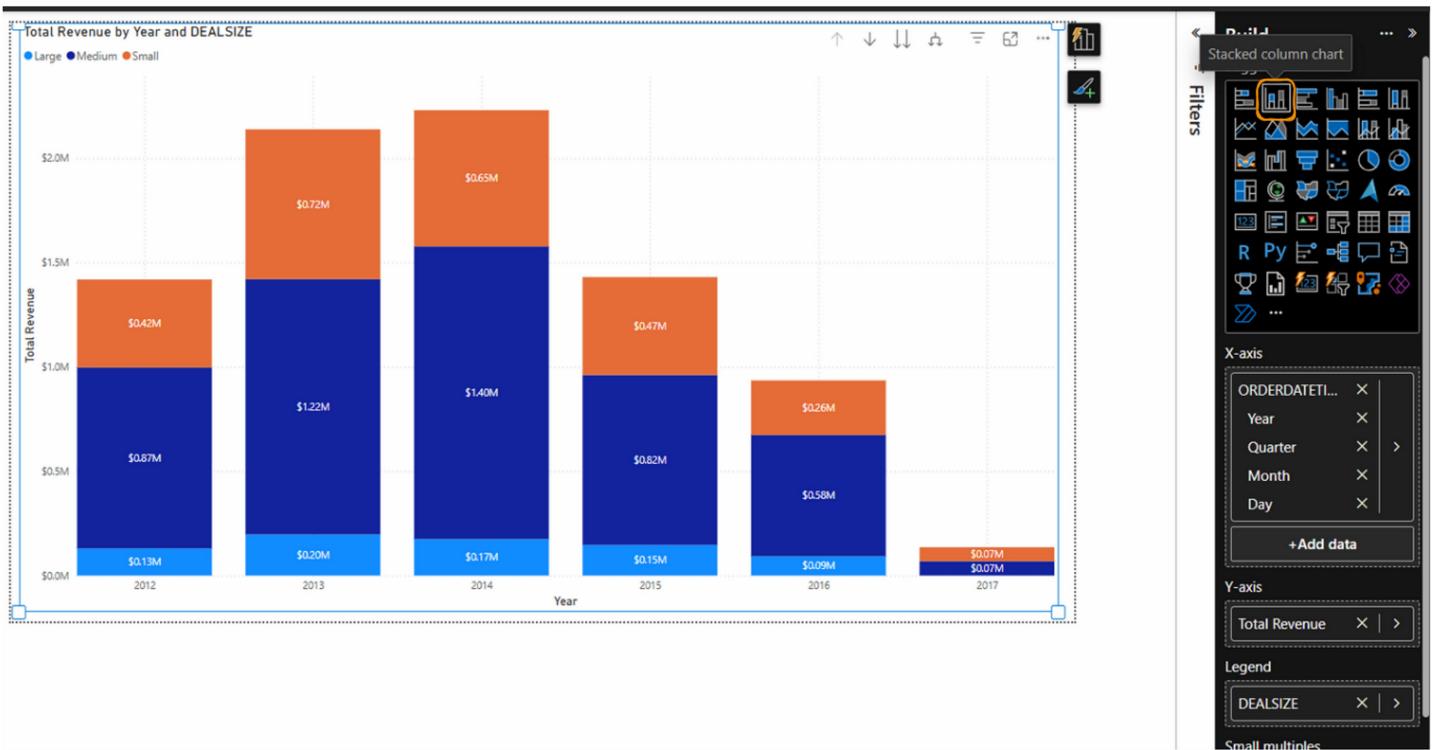




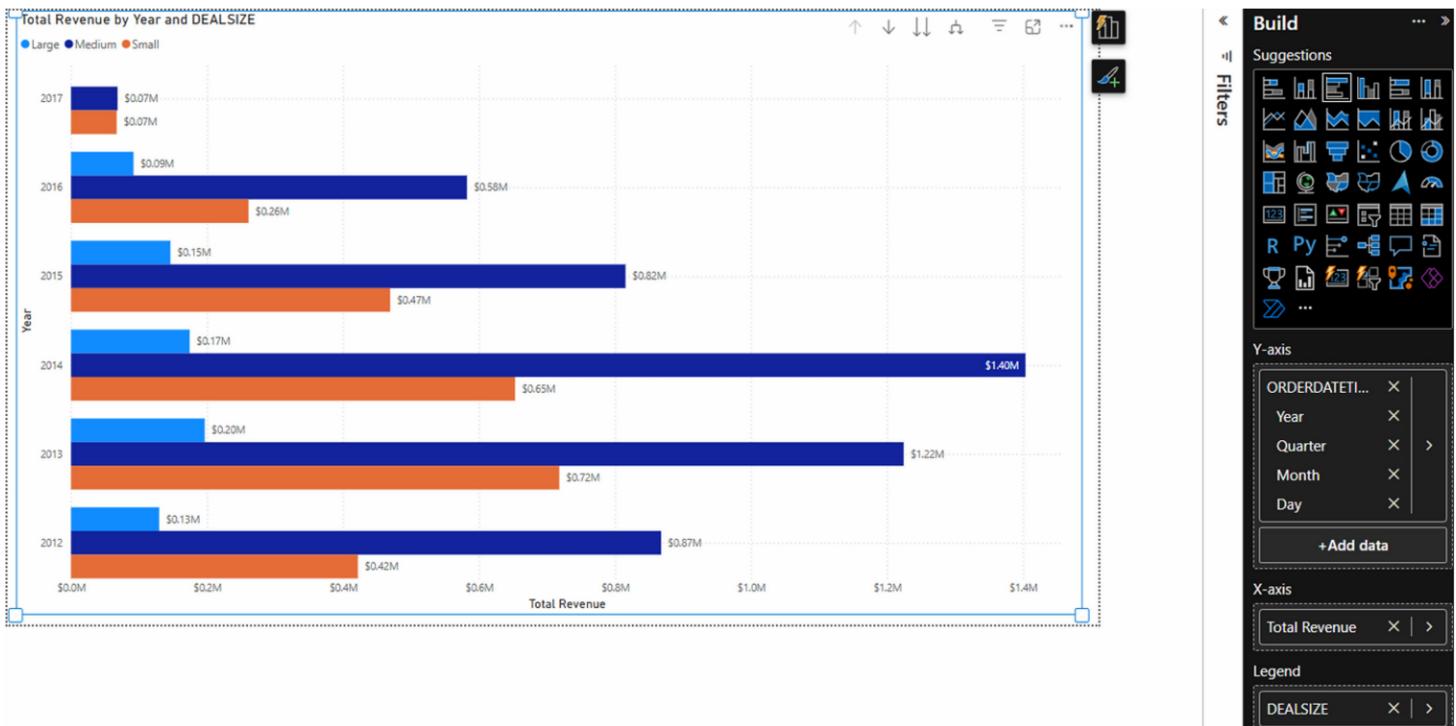


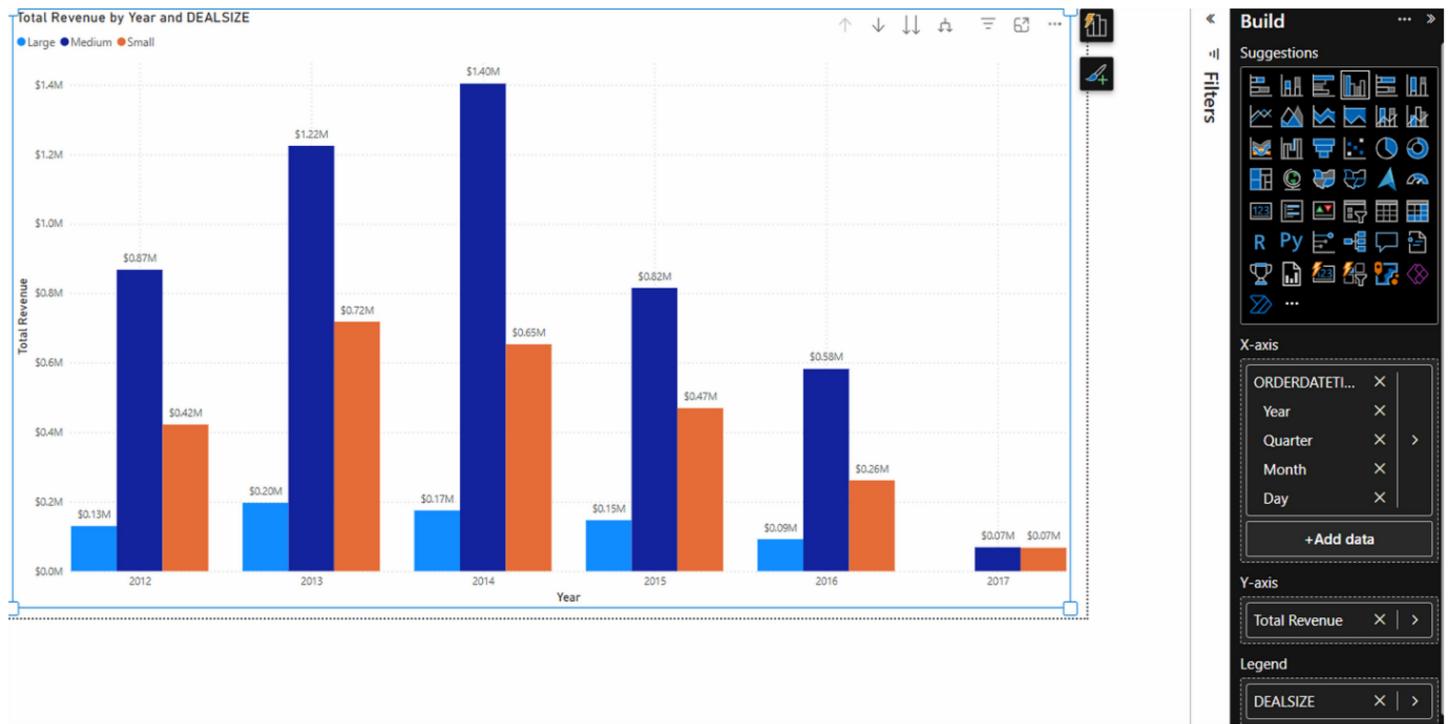


## Stacked Column Charts - Vertical Orientation.

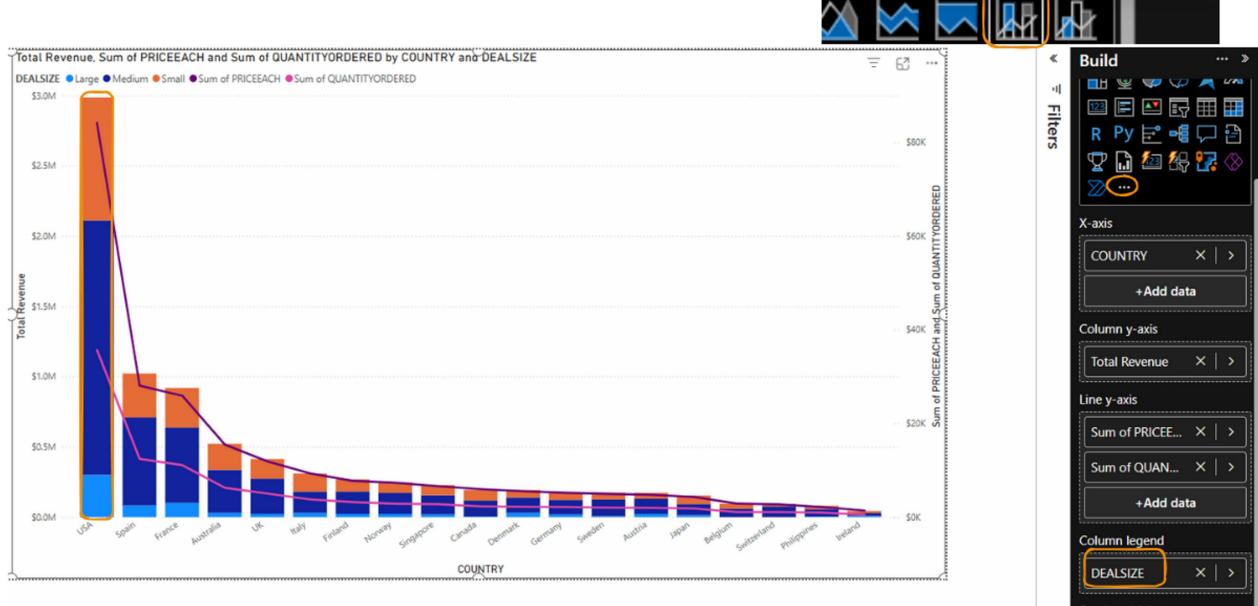


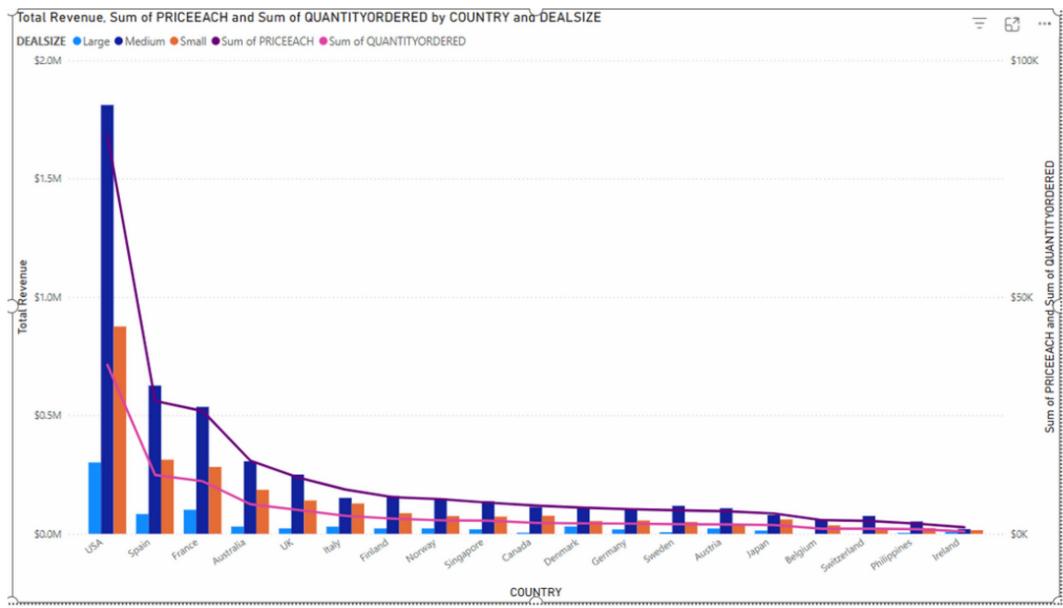
## Clustered Chart [Column / Bar]





## Combination Chart





Build < Suggestion > Data

Filters

Line and clustered column chart

X-axis: COUNTRY

Column y-axis: Total Revenue

Line y-axis: Sum of PRICEEACH and Sum of QUANTITYORDERED

+Add data

## How to Create a Hierarchy.

DELIVERYDATETIME

- Date Hierarchy
- Year
- Quarter
- Month
- Day

ORDERDATETIME

- Date Hierarchy
- Year
- Quarter
- Month
- Day

COUNTRY

- Add to field well
- Select
- Create hierarchy
- New measure
- New column
- New quick measure
- Rename
- Delete from model
- Hide
- View hidden
- Unhide all
- Collapse all
- Expand all
- New group
- Add to filters
- Add to drill through

SIZE

in Delivery

ERYDATETIME

ERED Price

ERNAME

DATEONLY

RDATETIME

te Hierarchy

Year

Quarter

Month

Day

RLINENUMBER

RNUMBER

RNAME

EACH

Geographical Hierarchy

- Add to field well
- Select
- Create hierarchy
- New measure
- New column
- New quick measure
- Rename
- Delete from model
- Hide
- View hidden
- Unhide all
- Collapse all
- Expand all
- New group
- Add to filters
- Add to drill through

Geographical Hierarchy

Discounted Price

COUNTRY

MonthName

OrderDateOnly

ORDERDATETIME

Date Hierarchy

Year

Quarter

Month

Day

ORDERLINENUMBER

ORDERNUMBER

POSTALCODE

RICEEACH

RODUCTLINE

QUANTITYORDERED

ales Value

TATE

STATUS

Target Delivery Date

TERRITORY

YR Year

Geographical Hierarchy

- COUNTRY
- STATE
- CITY
- POSTALCODE

File Home Help Table tools Column tools

Name CITY Format Text Summarization Don't summarize Data category City

ORDERLINENUMBER	ORDERDATETIME	DELIVERYDATETIME	STATUS	PRODUCTLINE	CITY
100	8	19-05-2014 23:07:00	21-05-2014 11:19:59	Shipped	Classic Cars
100	11	25-11-2014 01:04:00	25-11-2014 07:56:06	Shipped	Classic Cars
100	1	13-10-2014 00:33:00	14-10-2014 15:46:41	Shipped	Classic Cars
100	12	14-08-2016 23:02:00	16-08-2016 17:27:35	Shipped	Classic Cars
100	16	28-08-2014 00:16:00	29-08-2014 15:53:17	Shipped	Classic Cars
100	9	17-06-2012 23:51:00	20-06-2012 23:46:07	Shipped	Trucks and Buses
100	5	15-05-2014 23:47:00	16-05-2014 09:08:01	Shipped	Trucks and Buses
100	5	26-09-2013 23:42:00	27-09-2013 02:26:05	Shipped	Trucks and Buses
100	5	12-03-2014 00:54:00	13-03-2014 17:57:38	Shipped	Classic Cars
100	15	07-05-2014 01:19:00	09-05-2014 18:31:03	Shipped	Classic Cars
100	10	09-05-2016 00:47:00	09-05-2016 02:47:22	Shipped	Classic Cars
100	2	02-06-2012 23:47:00	05-06-2012 04:30:35	Shipped	Vintage Cars
100	7	13-09-2013 23:41:00	15-09-2013 22:52:02	Shipped	Vintage Cars

Option 1 - Inside Data View.

Change the category of City to get the globe symbol.

Vehicle Orders

CITY

Option 2

Vehicle Orders

CITY

CONTACTFIRSTNAME

CONTACTLASTNAME

COUNTRY

DEALSIZE

Delay in Delivery

DELIVERYDATETIME

Discounted Price

MonthName

OrderDateOnly

ORDERDATETIME

ORDERLINENUMBER

ORDERNR

POSTALCODE

PostalCode

Country/Region

Add Columns Examples

CITY

CONTACTFIRSTNAME

CONTACTLASTNAME

COUNTRY

DEALSIZE

Delay in Delivery

DELIVERYDATETIME

Discounted Price

MonthName

Order Month

Order Value

Country/Region

DEALSIZE

Sort by column COUNTRY (Default)

Data category Country/Region

Summarize by None

Is nullable Yes

Vehicle Orders

MonthName

OrderDateOnly

ORDERDATETIME

ORDERLINENUMBER

ORDERNR

POSTALCODE

PRICEEACH

PRODUCTLINE

QUANTITYORDERED

Sales Value

STATE

STATUS

Target Delivery Date

TERRITORY

Collapse ^

DateTable

Date

Day

DayName

Month

MonthName

Collapse ^

Add Columns Examples

CITY

CONTACTFIRSTNAME

CONTACTLASTNAME

COUNTRY

DEALSIZE

Delay in Delivery

DELIVERYDATETIME

Discounted Price

MonthName

Order Month

Order Value

Country/Region

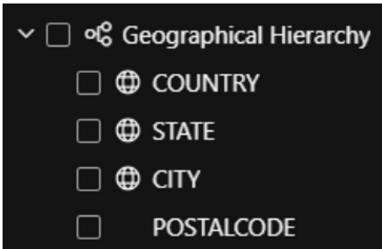
DEALSIZE

Sort by column STATE (Default)

Data category State or Province

Summarize by None

Is nullable No



## 3rd Party Visuals

AppSource | Apps for Power BI visuals

< Apps

**Sunburst by Powerviz**  
TRUVIZ INC  
★★★★★ 5.0 (5)  
PBI Certified

**Overview**   **Plans + Pricing**   **Ratings + reviews**

Visualize hierarchical data through a series of concentric arcs, shows the part-to-whole proportion

Unlock Hidden Insights, Explore Outliers, And Visualize Multiple Categories with Feature-Rich Sunburst Chart by Powerviz

The Sunburst Chart by Powerviz is a fully dynamic and interactive visualization tool, designed to display hierarchical data in an intuitive format. With this chart, you can easily visualize multiple columns in a hierarchy and uncover valuable insights. The concentric circle design helps in displaying part-to-whole relationships.

Check out the live demo [here](#).

To access all pro features, click the gear "⚙️" icon in the top-right corner of the visual.

**Key Feature Highlights:**

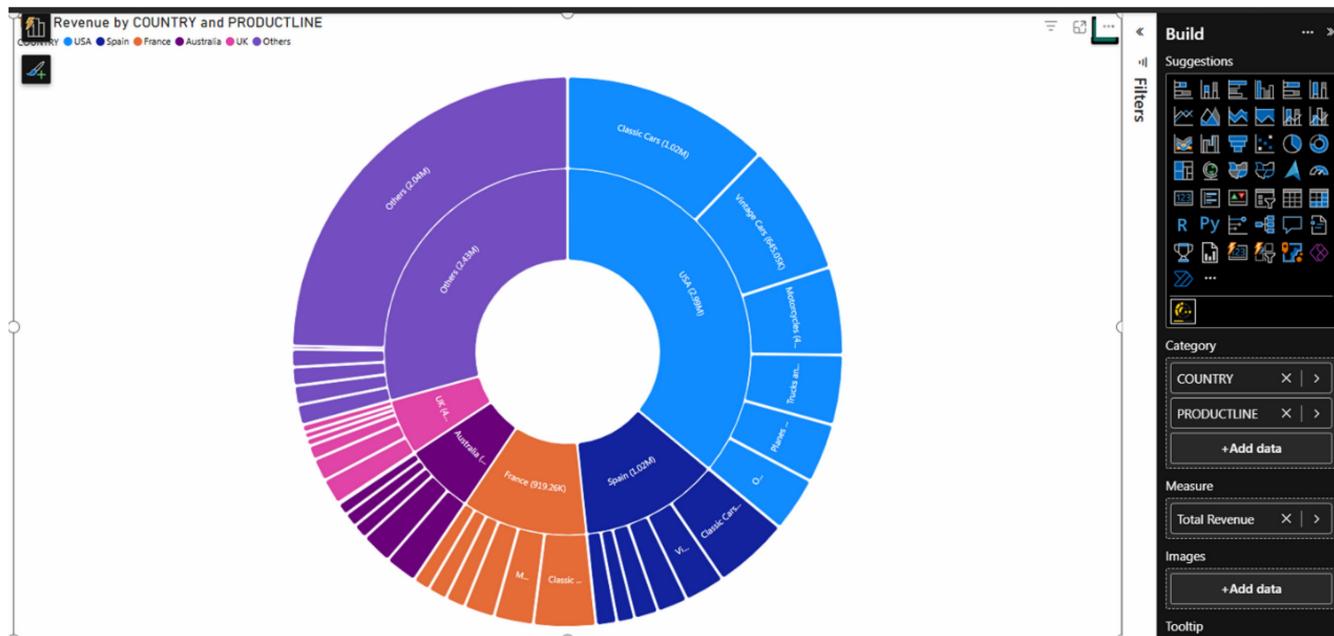
- Arc Customization – Enables customization of arc shape, patterns, and formatting to create unique designs.
- Color scheme – Offers 30+ color palettes including color-blind safe

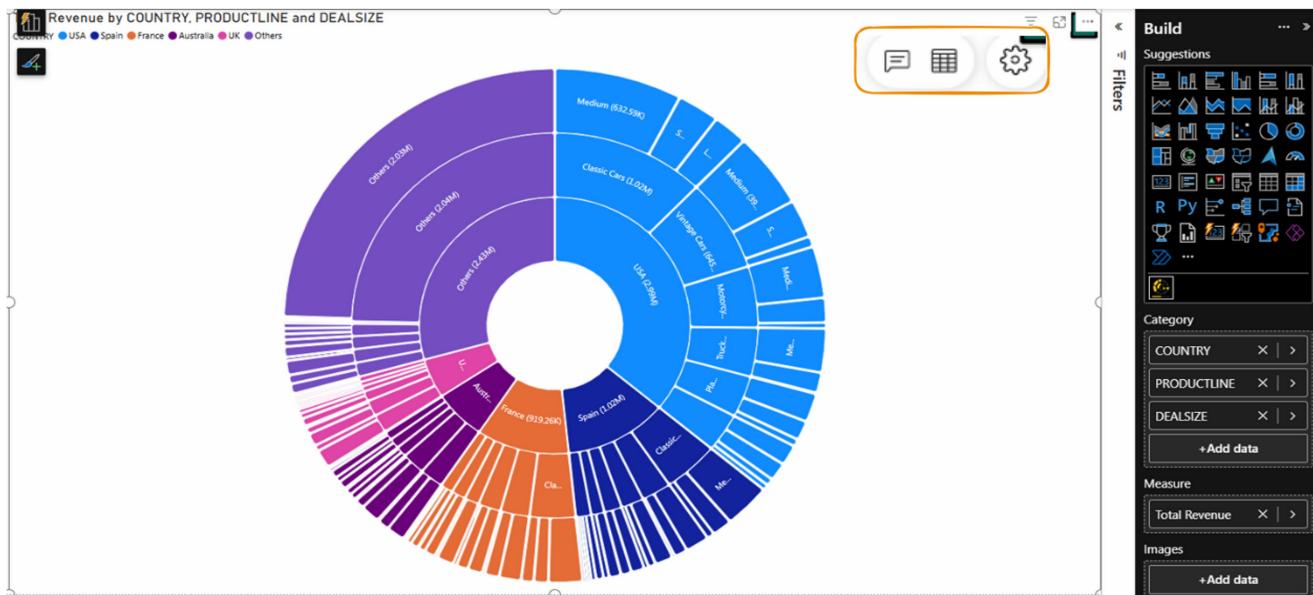
Access all advanced settings using "⚙️" icon  
Our advanced settings are grouped together with relevant options in each window for easy access.

**Advanced Settings**

- Chart Options
- Data Colors
- Hi-Contrast
- Arc Settings
- Labels
- Scaling
- Corner Circle
- Use Colored Images
- Colorblindfriendly
- Show Legend
- Right Mode

**Preview**

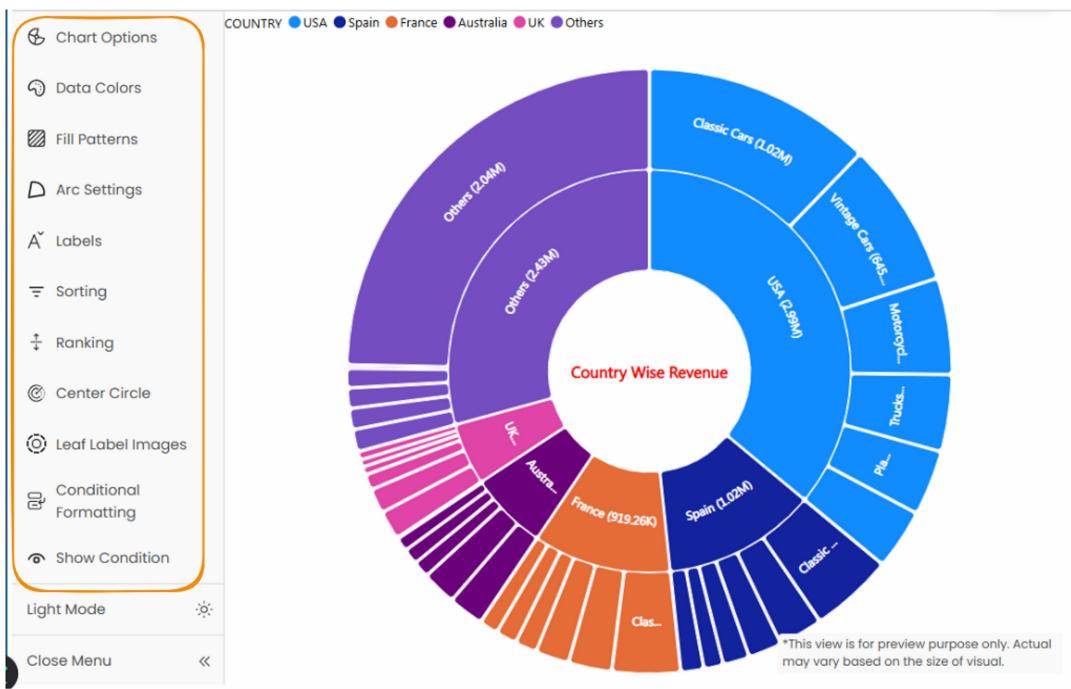




**Group**

Group	Total Revenue
USA	2.99M
Classic Cars	1.02M
Medium	632.59K
Small	209.39K
Large	173.28K
Vintage Cars	645.05K
Motorcycles	427.49K
Trucks and Buses	340.67K
Planes	289.59K
Others	268.36K
Spain	1.02M
France	919.26K
Australia	521.60K
UK	413.20K
Others	402.75K





**Scroller** by Fredrik Hedenström (47 reviews)

**Animated Bar Chart...** by Wishyoulization (44 reviews)

Helpful for new version to find advance analysis options.

