Chapter 5
Introduction to POWER BI

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POWER BI

POWER BI is a unified, scalable platform of Business intelligence.

This platform can be used for self-service or for an enterprise.
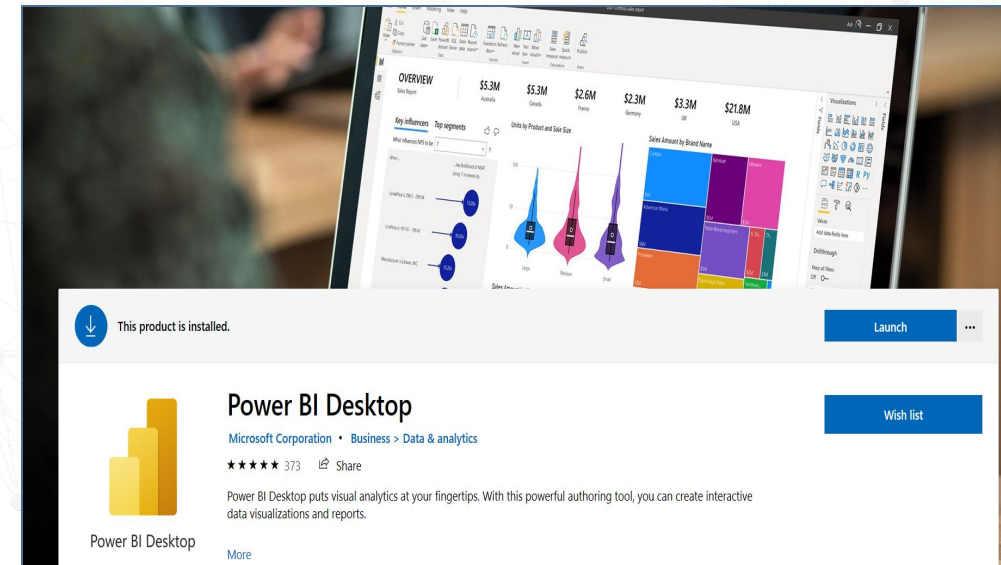
POWER BI is a MICROSOFT product.

POWER BI is used for data visualization and analysis purpose

POWER BI also support web version.

POWER BI can be easily downloaded from MICROSOFT store.

POWER BI icon

MICROSOFT Store

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How to download POWER BI

POWER BI is a MICROSOFT product and can be easily downloaded from Microsoft store. You can also access to download from below link.

POWER BI homepage: https://powerbi.microsoft.com/en-us/
POWER BI Desktop: https://powerbi.microsoft.com/en-us/downloads/
POWER BI web app: https://app.powerbi.com

Please note that for:
* POWER BI DESKTOP is free and can be used as per requirement.
* To publish workbooks and reports to web, POWER BI provides web based app.
* Web based app gives 60 days trial period which is good enough for learning purpose.

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POWER BI Interface (REPORT View)

*There are three main interfaces in POWER BI. REPORT, DATA and MODEL. The **REPORT** interface of POWER BI offers you workspace to create visuals. In report view, you can also see **FILTERS, VISUALIZATION** and **FIELDS** panel. You can load the dataset in **REPORT** view. Data file will show up in **FIELDS** panel. The left side of window shows icon of **DATA** and **MODEL** view..*
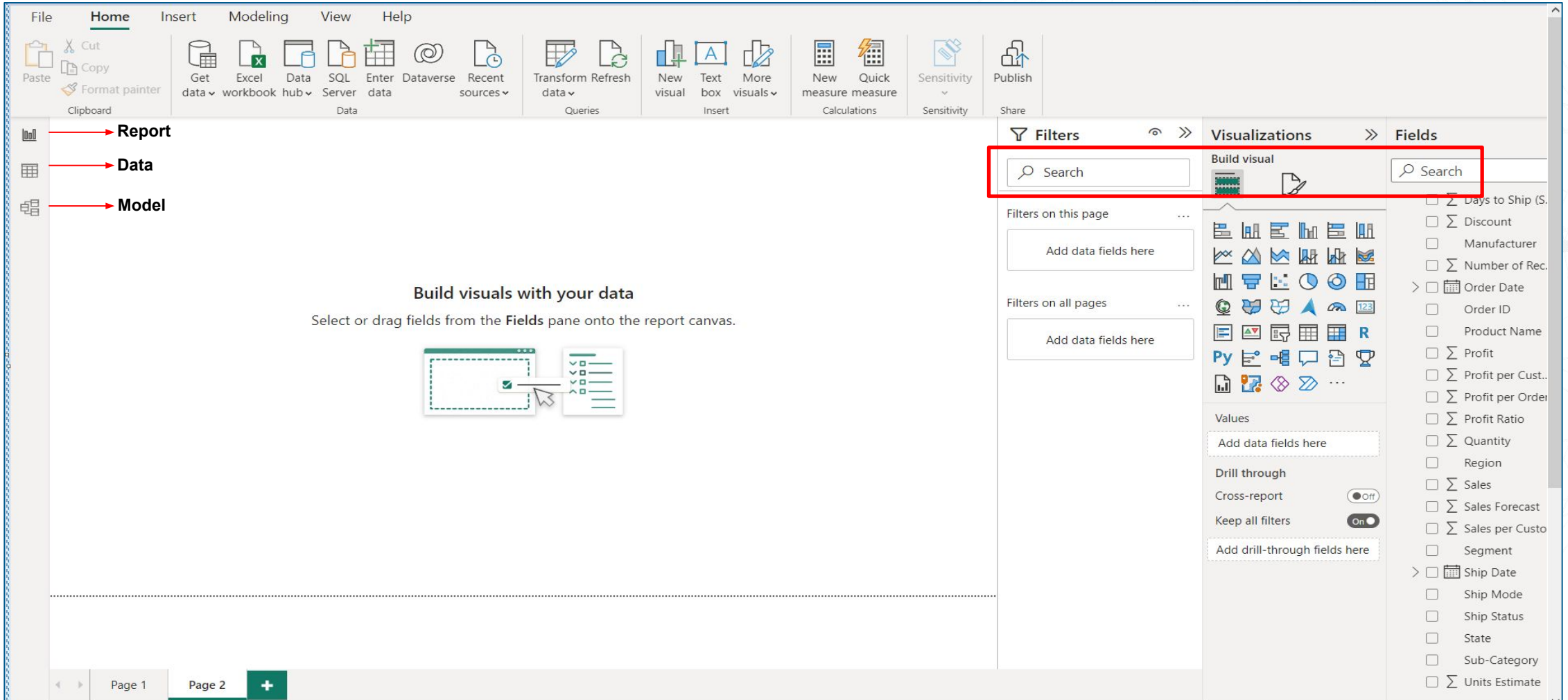
POWER BI: Loading the data

*POWER BI offers to load data from file, server, web or any other online services. You can directly click on **GET DATA** drop down to see available options. You can also use shortcut icons and give the path of file to be loaded.*
Once the file is loaded, it will show up in FIELD panel.

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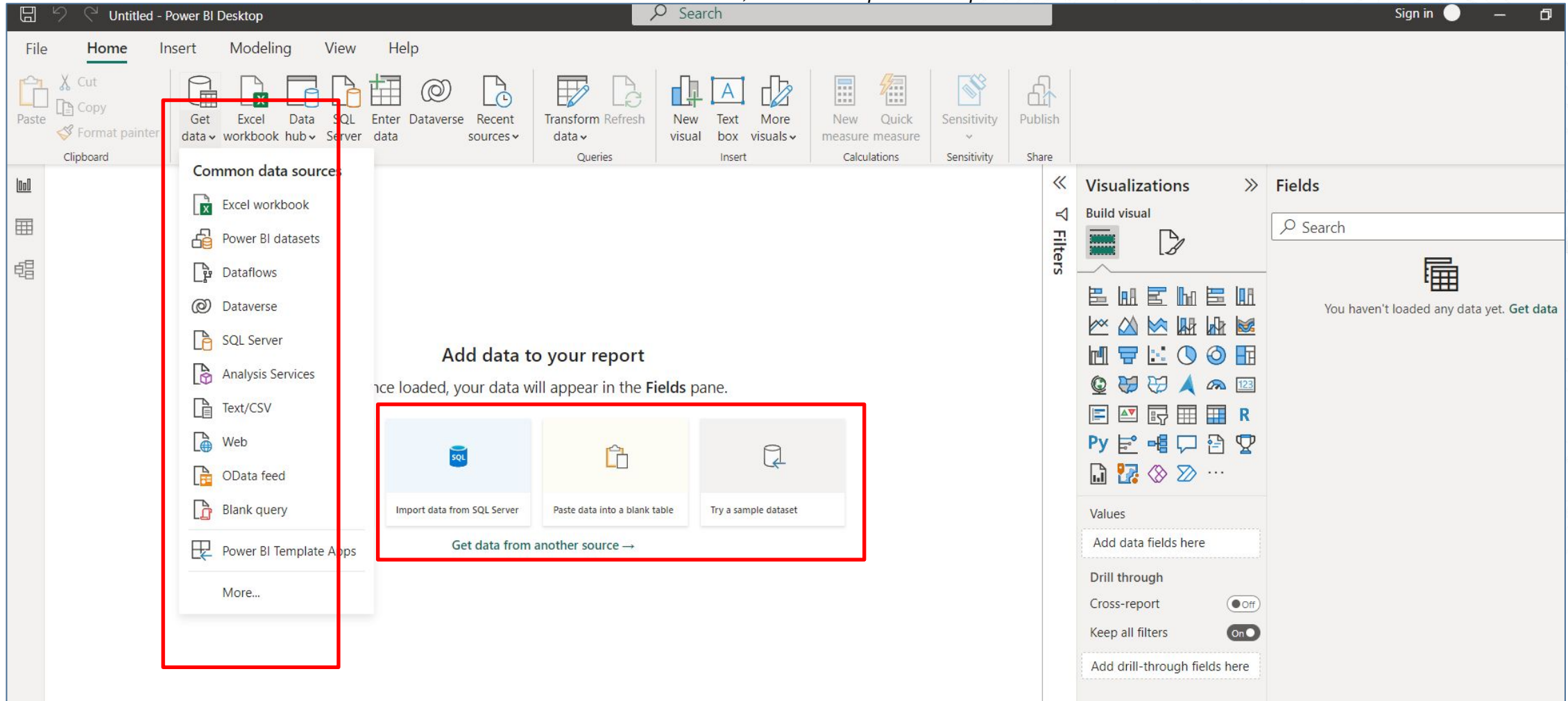
POWER BI: Loading the data

After file selection, POWER BI opens up Navigator to confirm if you want to directly use data or make some transformation in query editor You can also have preview of data going to be loaded.

POWER BI Interface (Data View)

DATA view offers to see the actual datasheet which is being used. You can change the column data type, name, category or format from here. You can also create new columnn using formula in this window.

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POWER BI Interface (MODEL View)

MODLE mode allows you to check what connections exists in case more than one databases are loaded. If two tables are connected, it is represented by connecting line. The two sided arrow means, connection is bidirectional.

POWER BI Visuals

POWER BI offers variety of visual types. You can chose any of them as per your requirement.
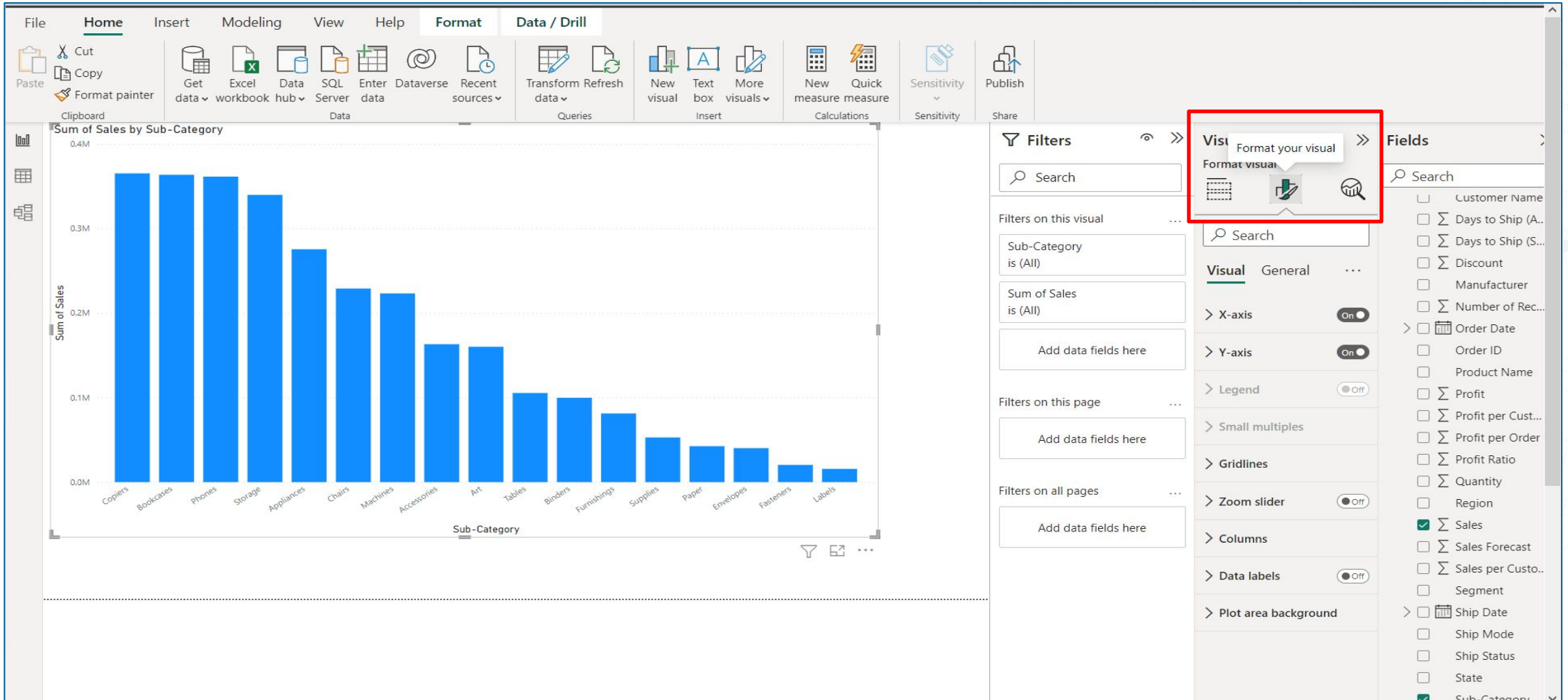*The three dots in below picture offers you to download any other visual from web BI store.*


Get More visuals from web

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POWER BI Visual Cosmetic

*In the **VIUSALIZATION** Pane, the middle icon is of **FORMAT VISUAL**. First you need to select visual, then go to formatting tab.*
You can do cosmetic settings, title settings, color schemes and data labeling as per your requirement.
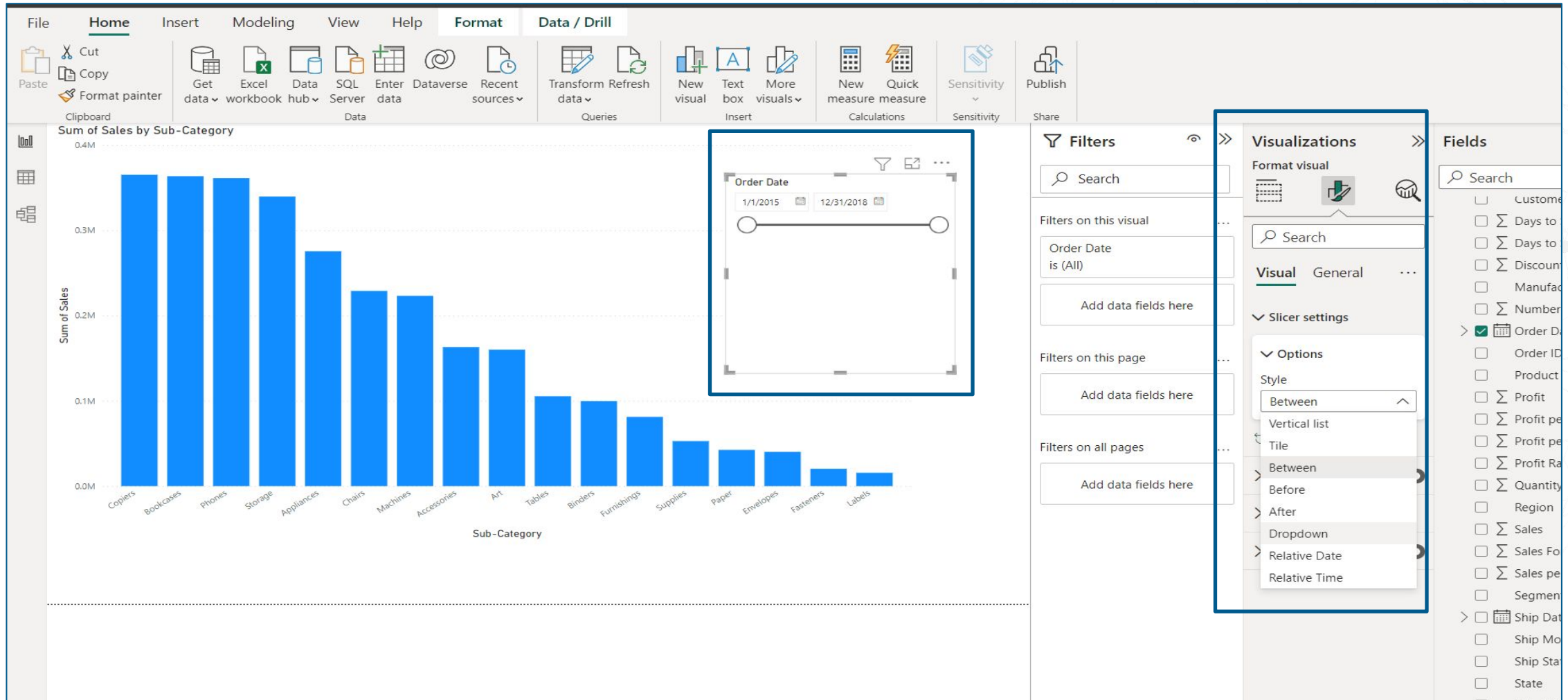
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POWER BI Visual SLICER

*In the **VIUSALIZATION** Pane, you can find the **SLICER** visual. This visual works like a filter and allows you to make selection or range of selection using data fields.*
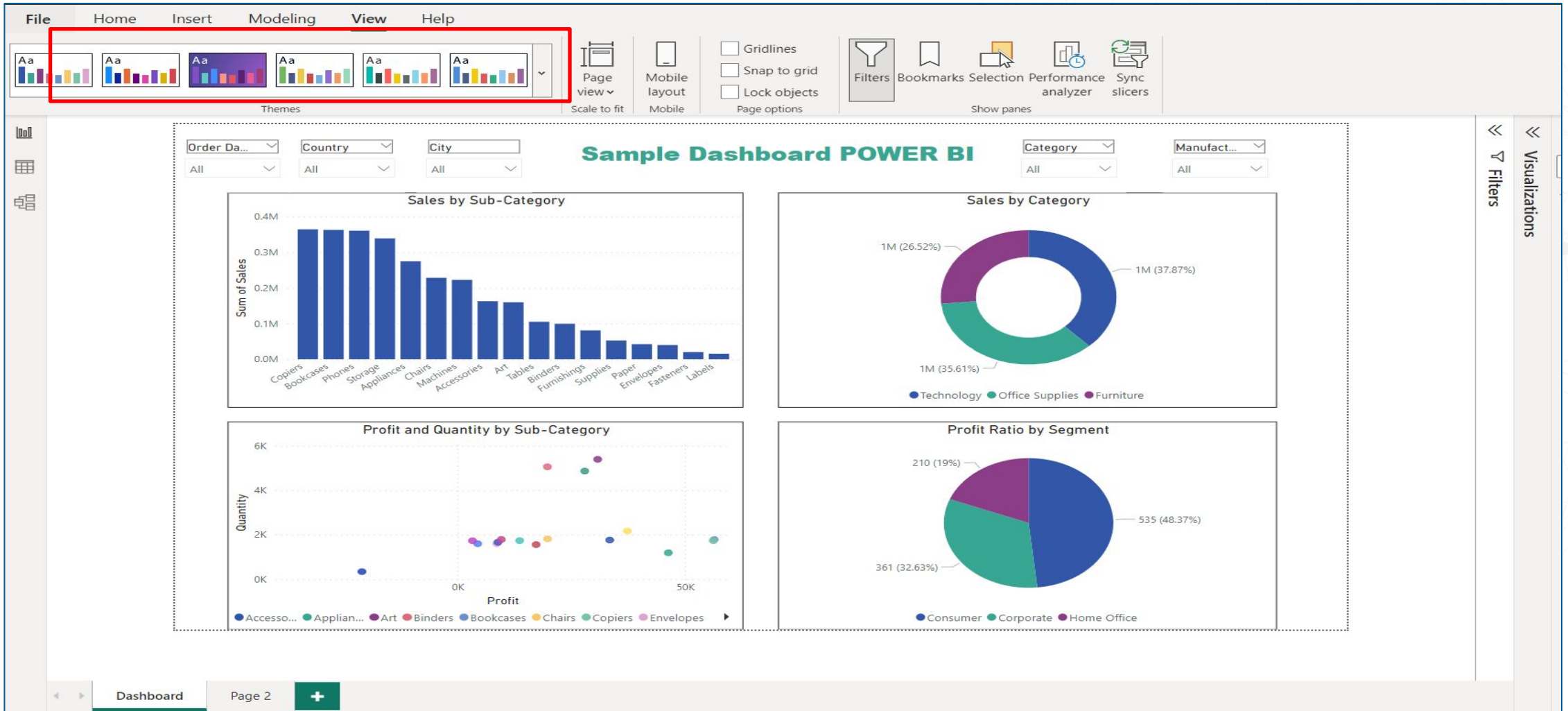
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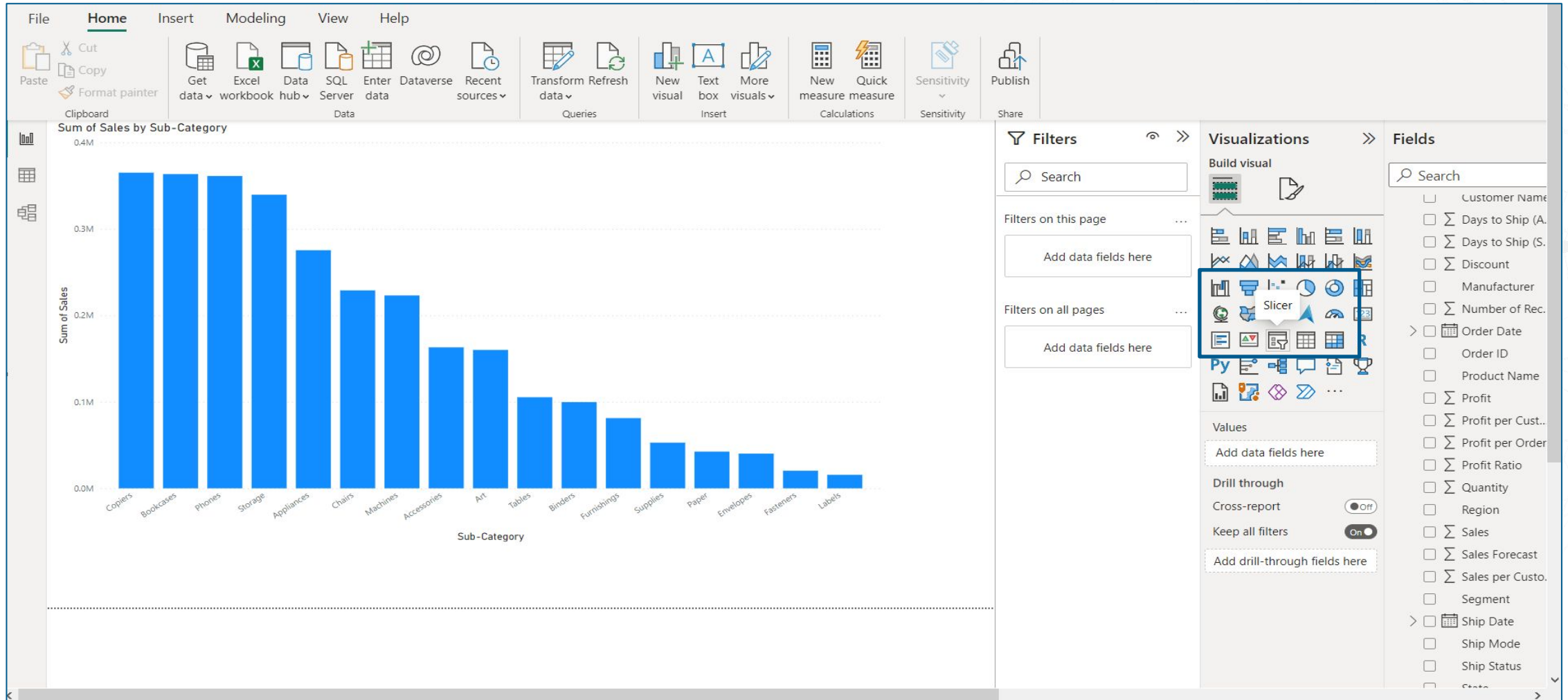
POWER BI Visual SLICER

SLICER settings offers you different styles. Depending on what field you have chosen, you can select any appropriate style from SLICER SETTINGS. .

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POWER BI Dashboards

*You can create different visuals in workspace and give name to dashboard. POWER BI also offers different themes for your dashboard. THEMES are available in **VIEW** menu.*

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Thank you