

# What is Power BI

- ▶ **Power BI** is the all new Microsoft Business Intelligence and Data Analysis tool.
- ▶ **Power BI** is an indispensable business analytics that facilitates effective visualization and analysis of data.
- ▶ Microsoft Power BI is completely free tool, that provides effective analyzing, visualizing and sharing of data targeted for non-technical business users.

# Power BI concepts

- ▶ The 3-major component of Power BI are :
- ▶ **Reports**
- ▶ **Datasets**
- ▶ **Dashboards**

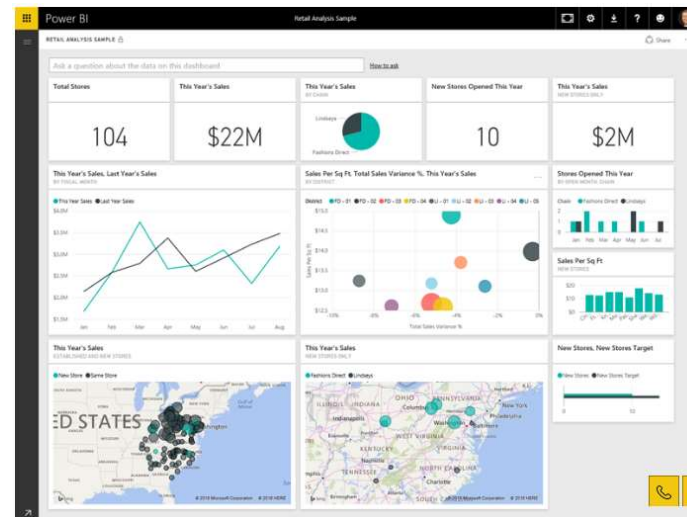
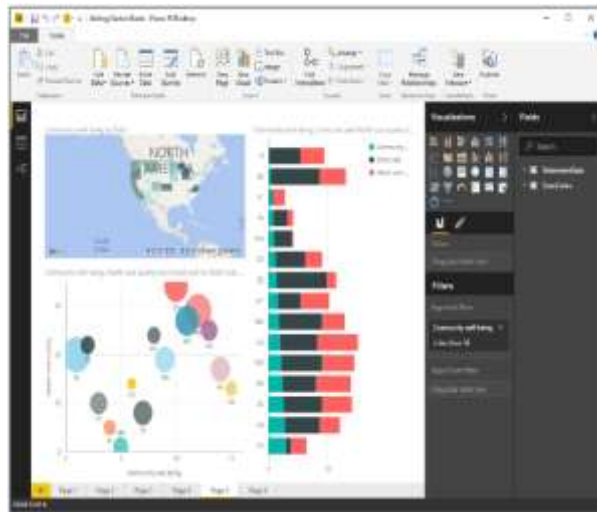
# Datasets

- ▶ A dataset is an organized collection of related set of logical information that you import or connect to. Power BI facilitates effective connection to various datasets and centralized it in one place.



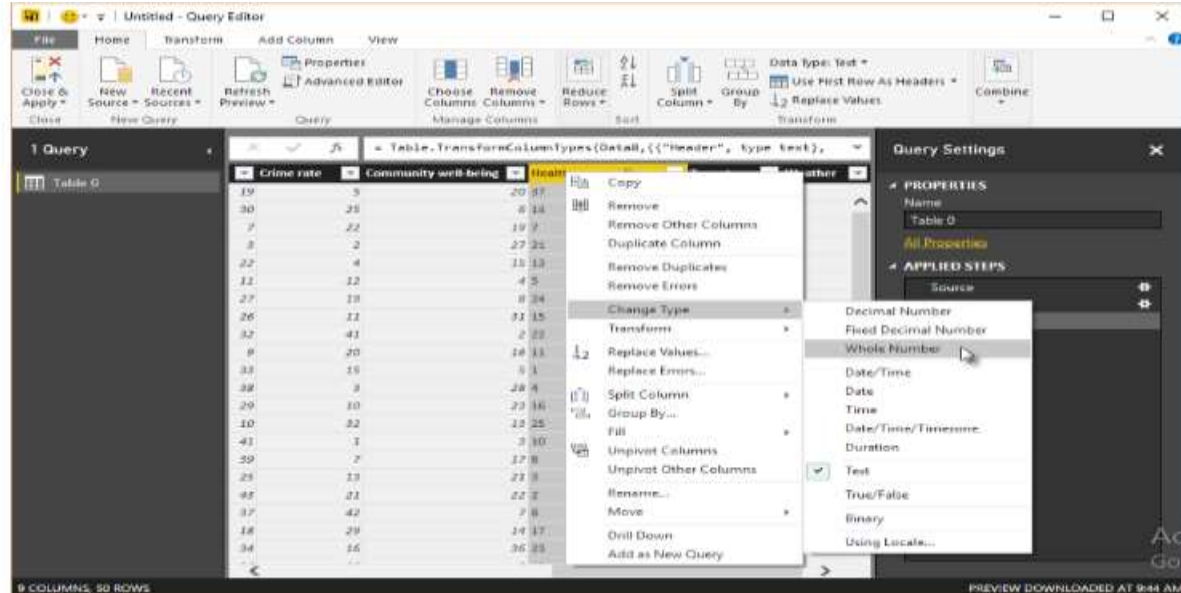
# Reports

- ▶ A Power BI report is sort of visualizations in the form of (graphs, charts and images) fetched from various data sources. The entire visualizations in a report is taken from relevant source such as a database. With all new powerful Power BI Reports can be generated effectively from scratch.



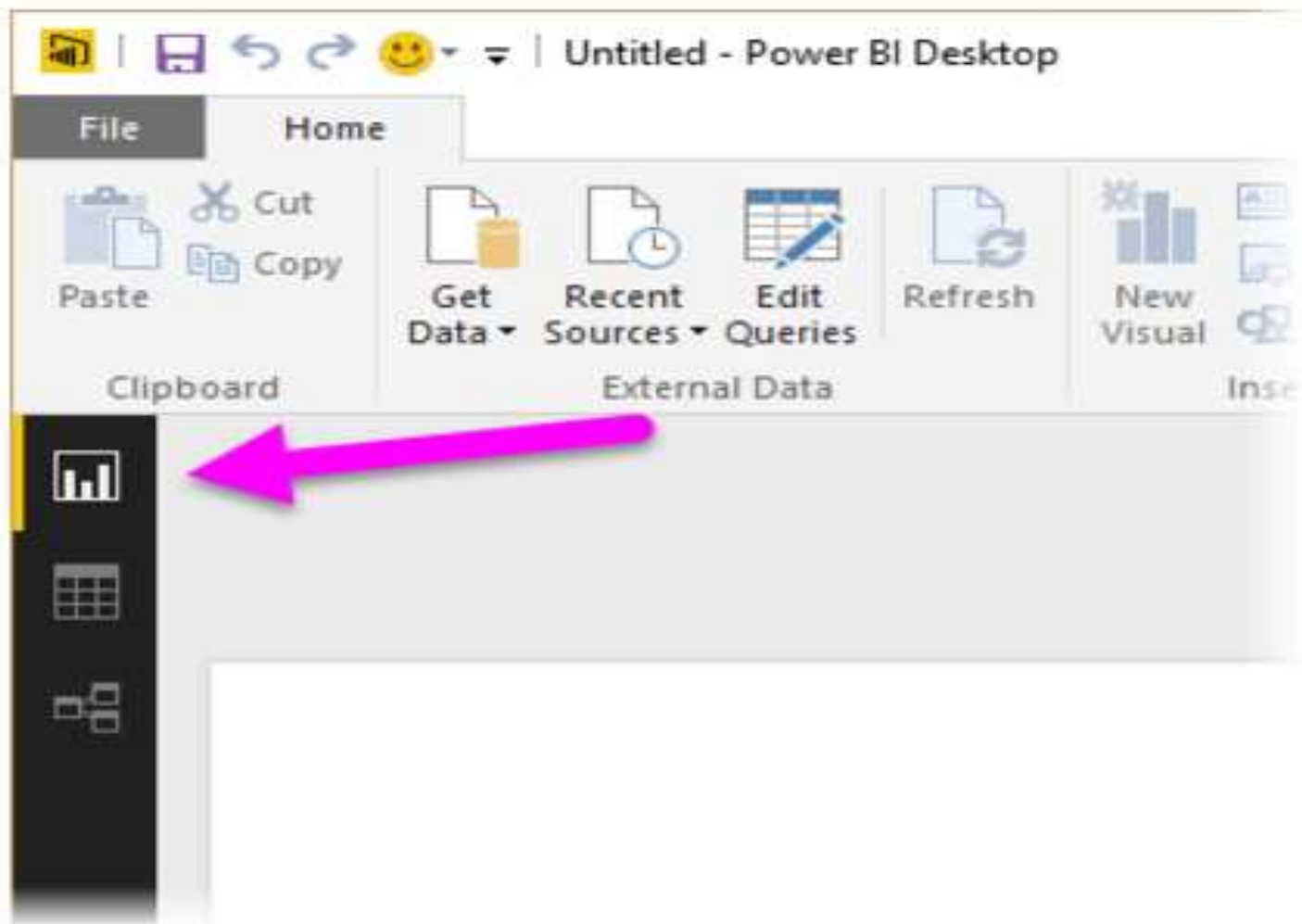
# Query Editor

- **Query Editor** is one of the tools in Power BI Desktop that opens in a separate window. In this you can transform data with queries and then create reports with that superior data model into business intelligent tool Power BI Desktop.



# Power BI Desktop

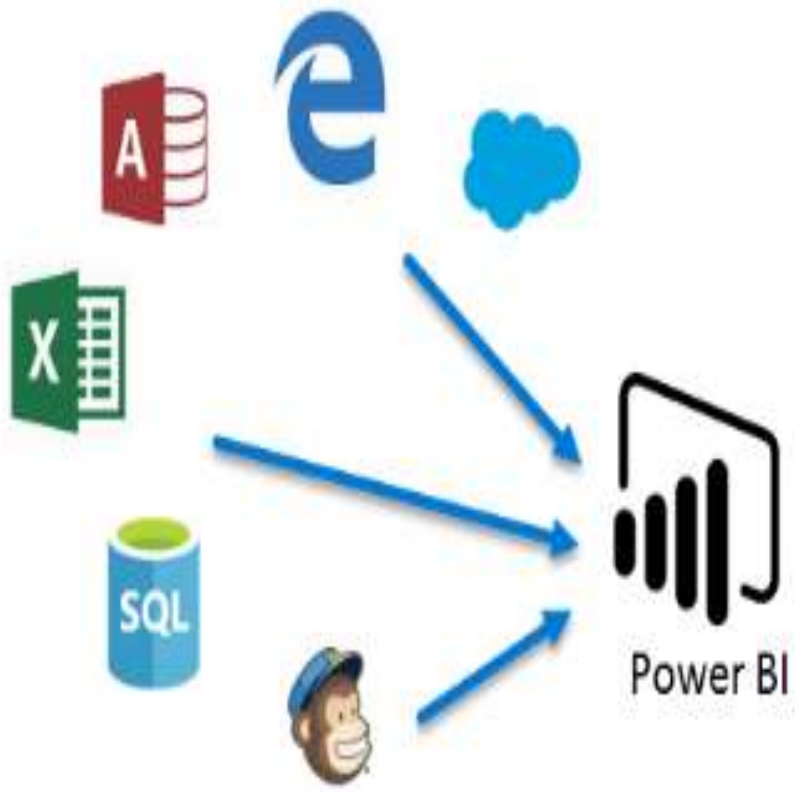
- ▶ Through *Welcome screen* you can easily **Get Data**, Open different Reports directly from that (straight from the links in the left pane) or look at Recent Sources,. On closing the screen by selecting the x in the top right corner, then the Power BI Desktop Report view is displayed.
- ▶ We have three views in Power BI Desktop namely:
- ▶ **Report** view
- ▶ **Data** view
- ▶ **Relationships** view
- ▶ Power BI Desktop also includes **Query Editor**



# Connect to Data

- Now, connecting and displaying data in a more refined sophisticated visualization is very easy with installed Power BI Desktop. There several data sources that is available in the Query window. The following image displays how to connect data, by choosing the Home ribbon, then Go to the Get Data > **More**.





## From Web

Enter a Web page URL.

URL

[www.bankrate.com/finance/retirement/best-places-retire-how-state-ranks.aspx](http://www.bankrate.com/finance/retirement/best-places-retire-how-state-ranks.aspx)

OK

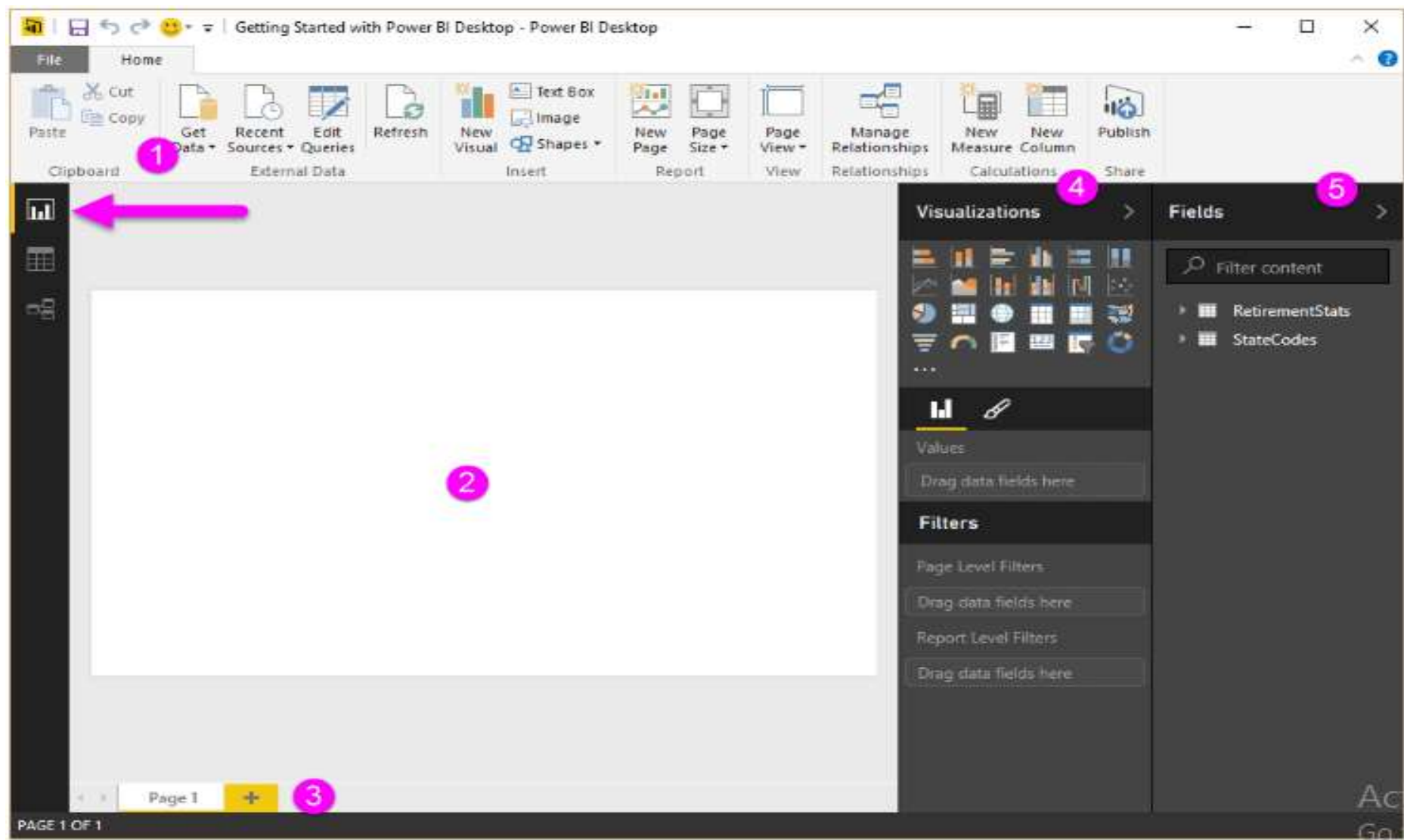
Cancel

# Build Reports

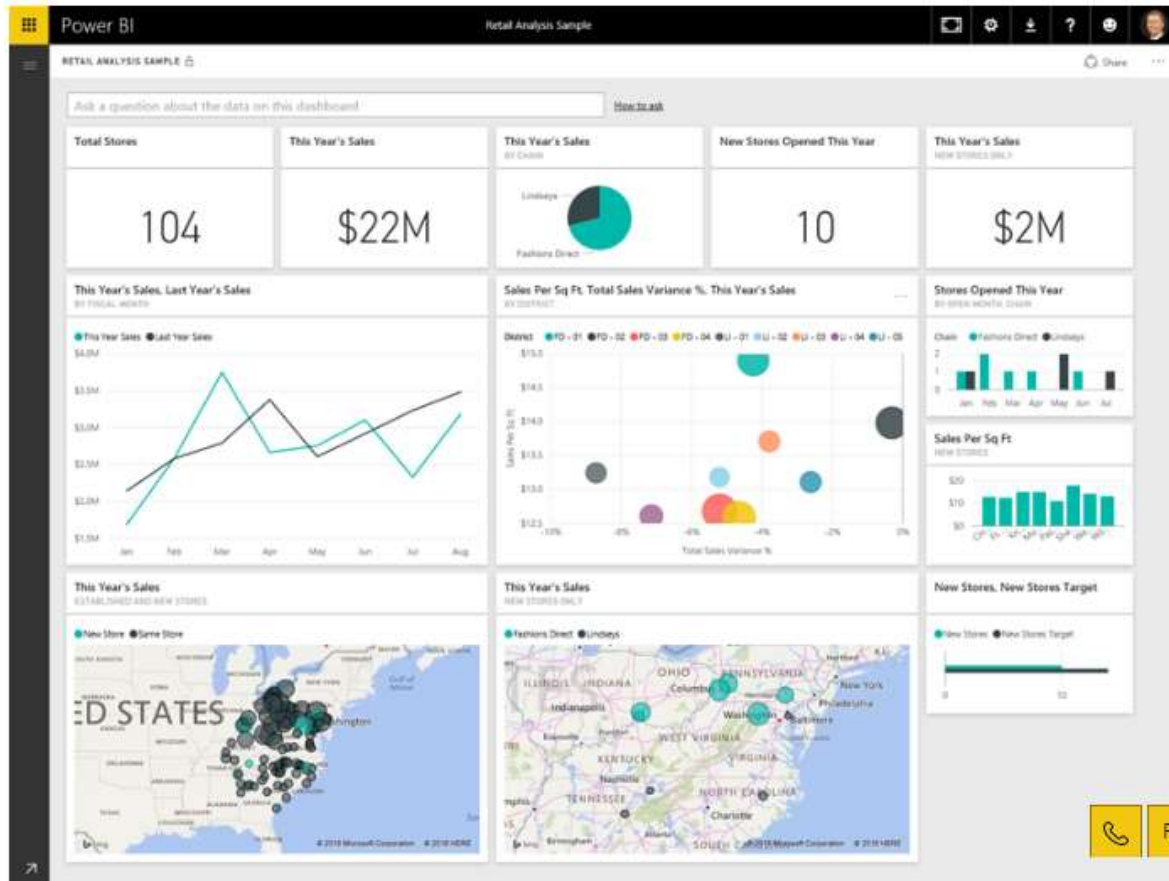
- ▶ Further changes can be made when the table is loaded, as you can reload a model to apply any changes you make. You can build reports in Power BI Desktop **Report** view

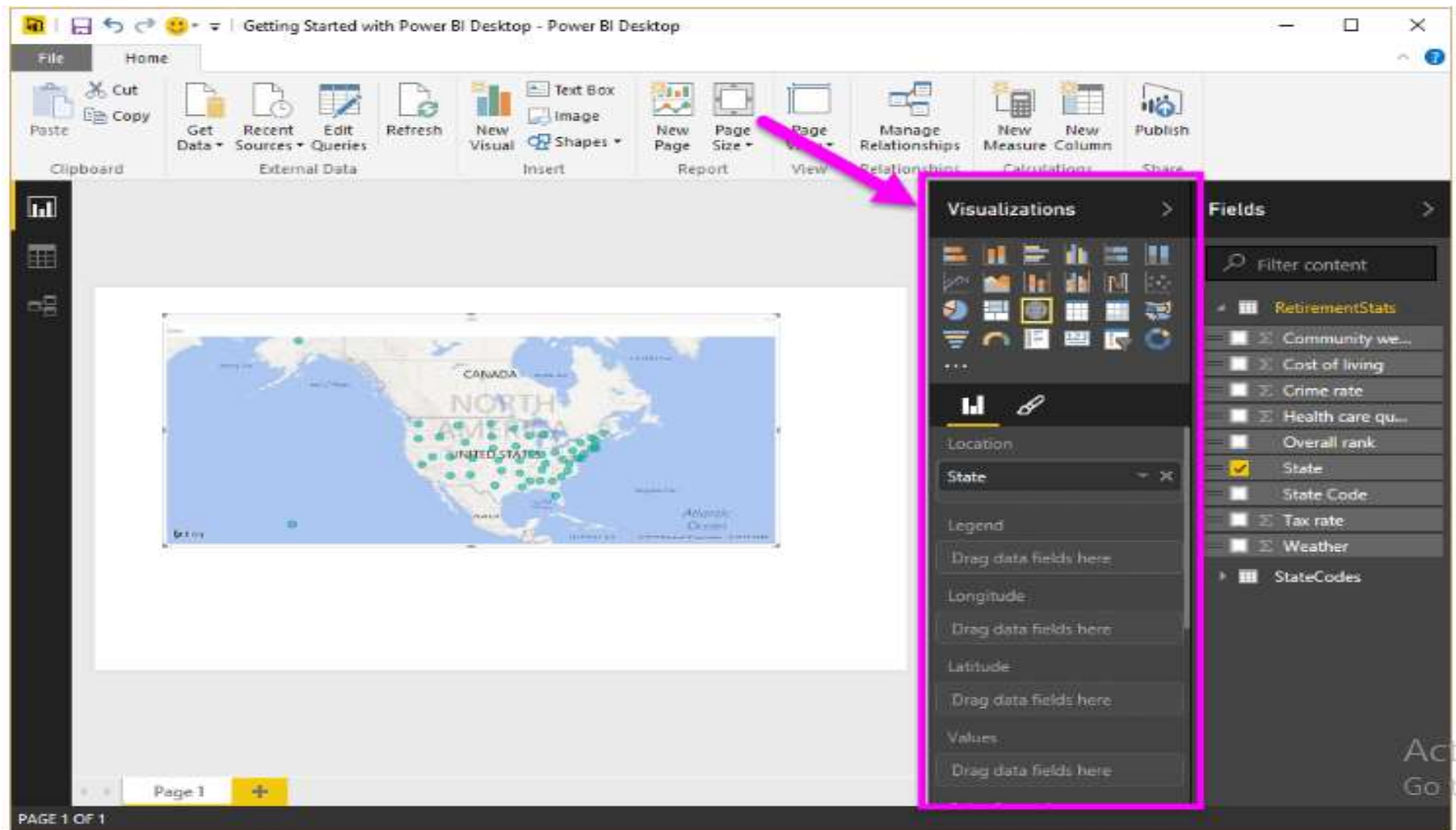
# The Report view has five main areas:

- ▶ **Ribbon:** This functional tool shows the common tasks which are associated with visualizations in the form of report.
- ▶ **Report view, or canvas:** Here in this, visualizations are created and arranged
- ▶ **Pages** tab area is available along the bottom, where you can add or select a report page
- ▶ **Visualizations** pane: Here you can drag fields while customizing colors or axes and changing visualizations by applying filters.
- ▶ **Fields** pane: Here query filters and elements can be dragged to the Visualizations Filters area pane or onto the Report view.

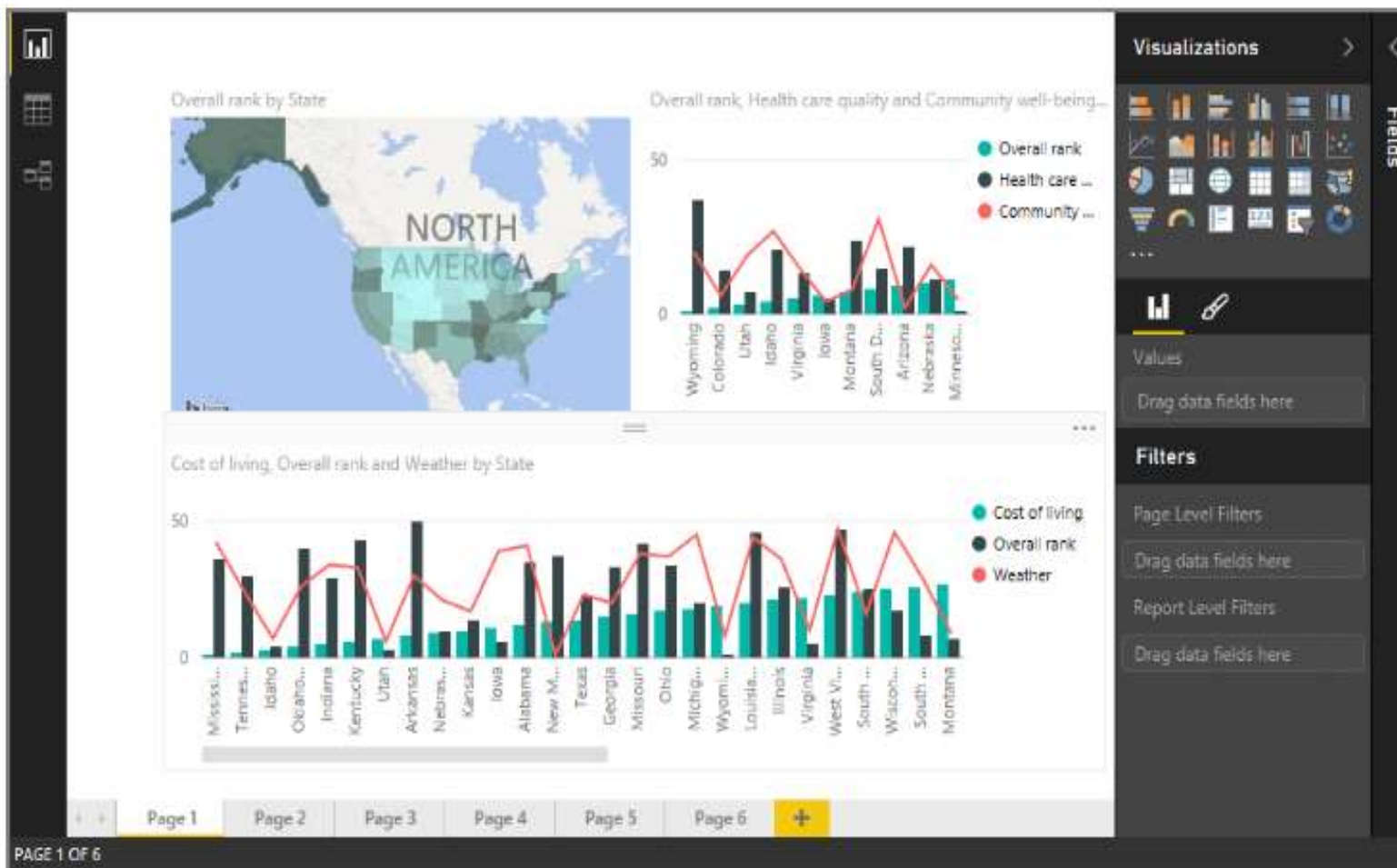


# Visualization







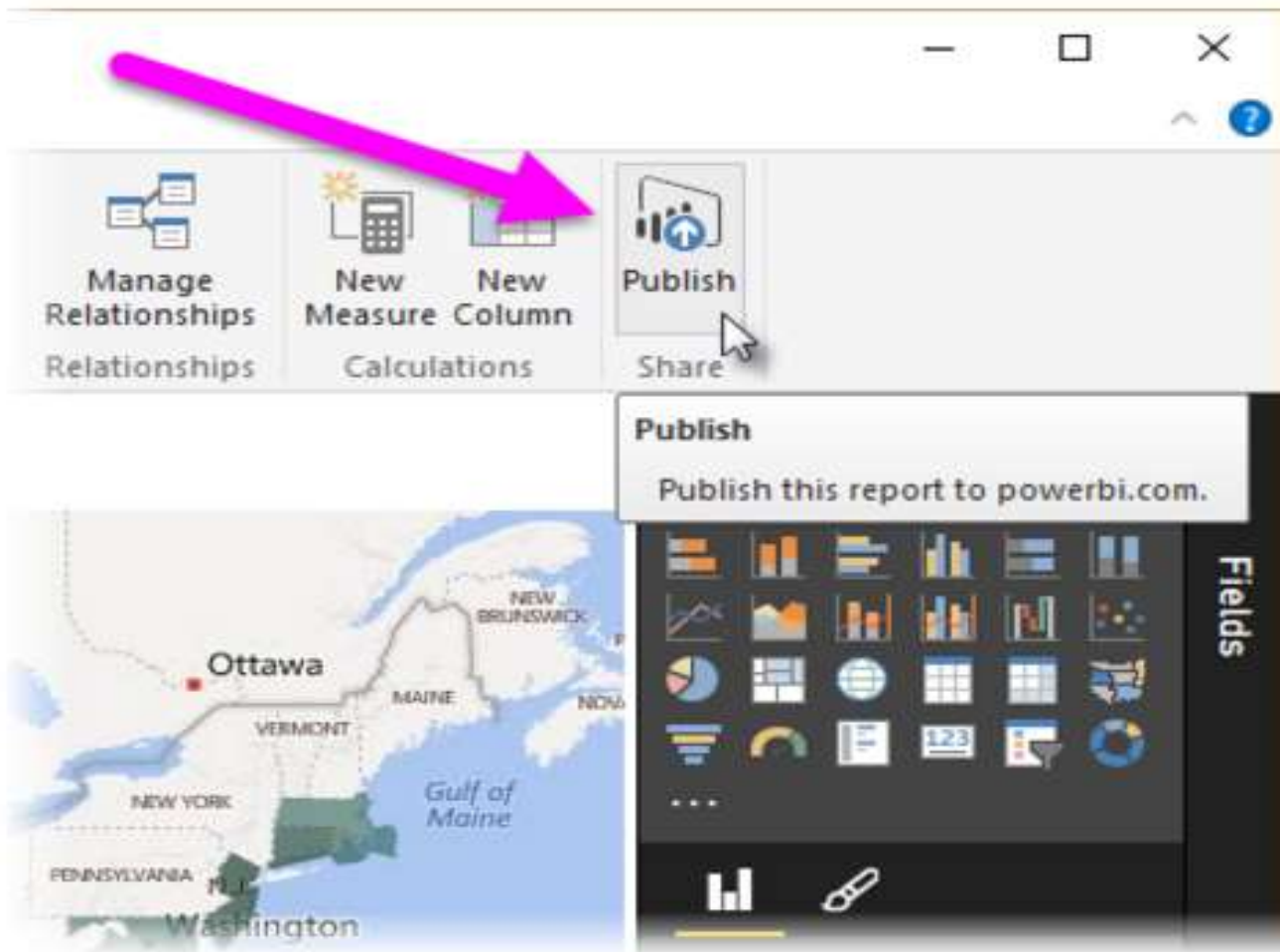






# Share Your Work

- ▶ This Power BI Desktop report is almost complete, and can be shared with others on the Power BI service.
- ▶ There are the certain ways to share your work in Power BI Desktop.
- ▶ upload the .pbix file straight from the Power BI service
- ▶ publish to the Power BI service
- ▶ save and sent the .pbix file
- ▶ First of all, let's see at publishing to the Power BI service directly from Power BI Desktop. On the Home ribbon, you can select Publish.



## Sign in to Power BI

You need to be signed in to the Power BI service to publish reports.

[Need a Power BI account?](#)

Sign in

Cancel

## Publishing to Power BI

✓ Success!

Open Getting Started Guide.pbix in Power BI

Close

Cancel

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