



## Power BI Service

### Objective:

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After completing this chapter, you will be able to know

- Introduction to app.powerbi.com
- Schedule refresh
- Data flow and use power bi from online
- Download data as live in power point and more.

### What is the Power BI service?

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Power BI is a collection of software services, apps, and connectors that work together to help you create, share, and consume business insights in the way that serves you and your business most effectively. The Microsoft Power BI service (<https://app.powerbi.com>), sometimes referred to as Power BI online, is the software as a service (SaaS) part of Power BI. In the Power BI service, *dashboards* help you keep a finger on the pulse of your business. Dashboards display *tiles*, which you can select to open *reports* for exploring further. Dashboards and reports connect to *datasets* that bring all of the relevant data together in one place.

### Creating reports in the service

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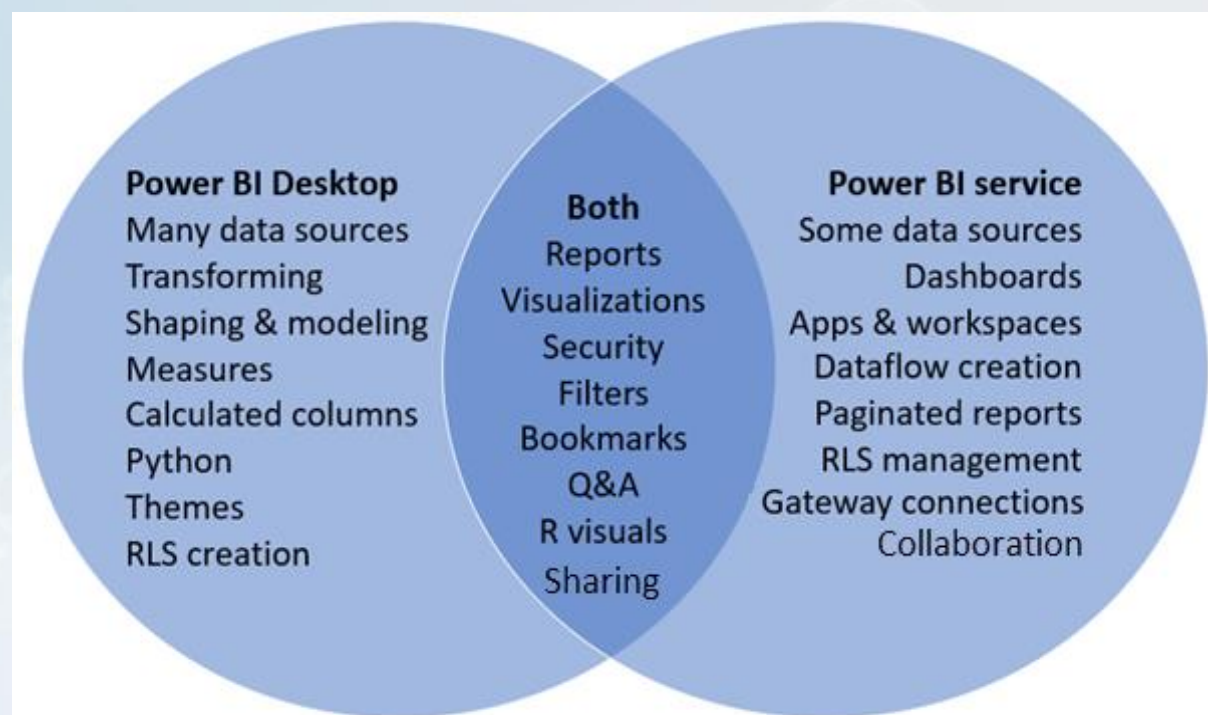
- ☐ In a typical Power BI workflow, you begin by building a report in Power BI Desktop, then publishing it to the Power BI service.
- ☐ This workflow is common, but you can also create Power BI reports right in the Power BI service.
- ☐ Power BI has apps that automatically create dashboards and reports from your online data.

## Compare Power BI Desktop and the Power BI service

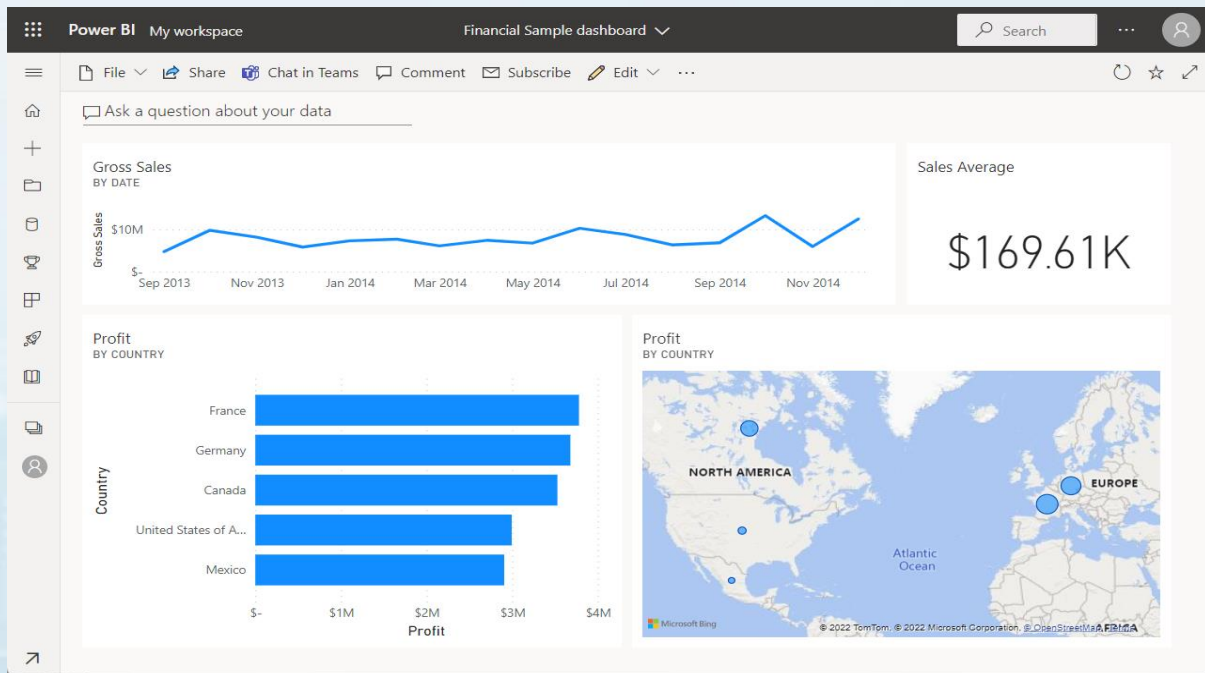
**Power BI Desktop** is an application that you download and install for free on your local computer. Desktop is a complete data analysis and report creation tool that is used to connect to, transform, visualize, and analyse your data. It includes the Query Editor, in which you can connect to many different sources of data, and combine them (often called modelling) into a data model. Then you design a report based on that data model. Reports can be shared with others directly or by publishing to the Power BI service. Sharing reports requires a Power BI Pro license.

The **Power BI service** is a cloud-based service, or *software as a service* (SaaS). It supports report editing and collaboration for teams and organizations. You can connect to data sources in the Power BI service, too, but modelling is limited. The Power BI service is used to do things such as creating dashboards, creating and sharing apps, analysing and exploring your data to uncover business insights, and much more.

Your license determines what you can do in the Power BI service.



## Creating in the Power BI service



- Sign in to your Power BI online account, or sign up, if you don't have an account yet.
- Open the Power BI service.
- Get some data and open it in report view.
- Use that data to create visualizations and save it as a report.
- Create a dashboard by pinning tiles from the report.
- Add other visualizations to your dashboard by using the Q&A natural-language tool.
- Resize, rearrange, and edit details for the tiles on the dashboard.
- Clean up resources by deleting the dataset, report, and dashboard.

### Scheduled refresh

The **Scheduled refresh** section is where you define the frequency and time slots to refresh the dataset. Some data sources don't require a gateway to be configurable for refresh, while other data sources require a gateway.

In a Direct Query scenario, when a dataset qualifies for performance optimization, **Refresh schedule** will be moved to the **Optimize performance** section.

**Scheduled refresh**

Keep your data up to date

Configure a data refresh schedule to import data from the data source into the dataset. [Learn more](#)

☒ On

Refresh frequency

Daily

Time zone

(UTC-08:00) Pacific Time (US and Can.)

Time

[Add another time](#)

Send refresh failure notifications to

☒ Dataset owner

☐ These contacts:

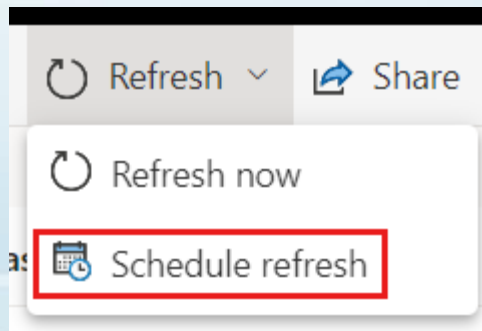
Enter email addresses

Apply Discard

Set the **Keep your data up to date** slider to **On** to configure the settings.

To get to the **Schedule refresh** screen:

1. In the navigation pane, under **Datasets**, select a dataset.
2. Select **Refresh** > **Schedule refresh**.

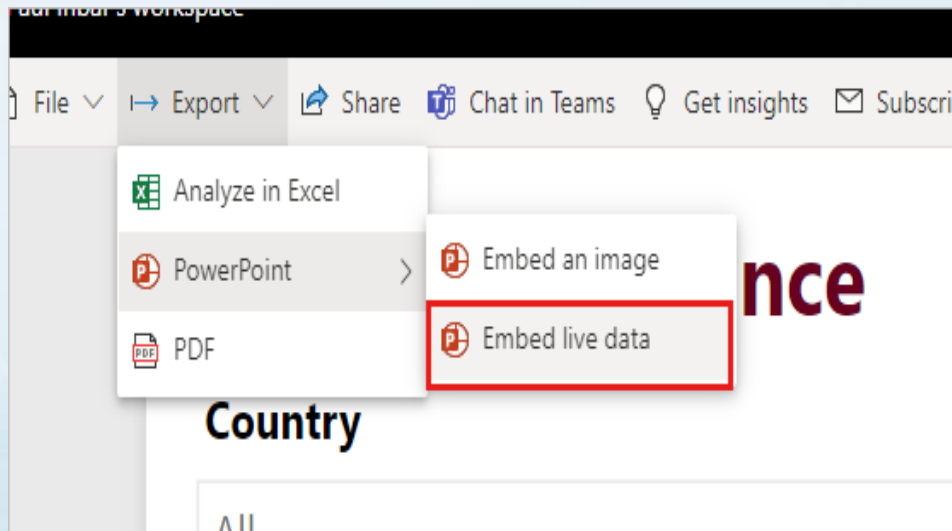


### Creating a Dataflow

- ❑ A **dataflow** is a collection of tables that are created and managed in workspaces in the Power BI service. A **table** is a set of columns that are used to store data, much like a table within a database. You can add and edit tables in your dataflow, and manage data refresh schedules, directly from the workspace in which your dataflow was created.
- ❑ To create a dataflow, launch the Power BI service in a browser then select a **workspace** (dataflows aren't available in *my-workspace* in the Power BI service) from the nav pane on the left, as shown in the following screen. You can also create a new workspace in which to create your new dataflow.

### Download data as Live in Power Point

- ❑ If you want to add a live visual to your presentation, you need to have its URL. The easiest way to get a visual's URL is as follows.
- ❑ In the Power BI service, open the report to the page that has the visual you want to insert. If desired, configure the visual to the desired state using filters, selection, slicers, etc.



Copy the URL to paste into the Power BI PowerPoint add-in. Alternatively, if you want to create a new presentation with the report already loaded into the add-in, choose **Open in PowerPoint**.

