

3-DAY POWER BI TRAINING



POWER BI TRAINING

on-site, instructor-led training to help team adopt Power BI for self-service BI and analytics



Curriculum based approach

Conceptual overview +
hands-on labs

From beginner to advanced
Remote or in person

BlueGranite will establish a roadmap and deliver Power BI Training designed for Consumers, Authors, and Administrators

Types of Datasets

Imported Dataset

An in-memory columnar data structure. **Limited to 1 GB compressed** in size which applies to storage limits.

*In this situation, the data is *stored* in the dataset and imported to the Power BI Service.*

Requires refresh schedule to stay current.

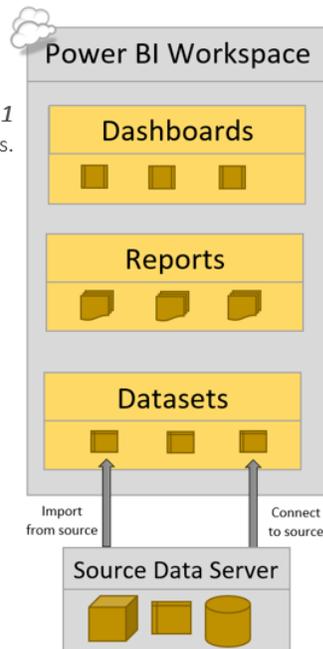
Imported datasets can be created various ways:

Pull

- Power BI Desktop
- Power Pivot Excel add-in
- SaaS Connector (SaaS Content Pack)

Push

- Streaming data from Azure Stream Analytics
- API library



Direct Query | Live Connection

Queries are live back to original data source.

Useful for:

- Utilizing existing data investments
- Larger replica
- When Effective

No refresh

*In this situation, the data is *not* stored in the dataset and imported to the Power BI Service.*

Direct Query

- SQL Server
- SAP HANA
- Azure SQL Database
- Azure Synapse Analytics
- Oracle
- Teradata
- Other

Live Connection

- SSAS Tabular
- SSAS Multidimensional

Exercise: Append Data

In this exercise, additional stores will be appended to the existing StoresTable.

With the Day 2 – Intermediate Power BI file open, click on Get Data and select Excel.

- 1 Open the Stores_2.xlsx file and import the AdditionalStores table.

Note the AdditionalStores preview window shows the same table structure as StoresTable.

- 2 Click Load to import the data to the data model.

The screenshot shows the Power BI Navigator interface. On the left, the 'Stores_2.xlsx (2)' file is selected, and the 'AdditionalStores' table is highlighted with a red circle and the number '1'. On the right, the 'AdditionalStores' table preview is displayed, showing columns: StoreKey, GeographyKey, StoreManager, and StoreType. The table contains 20 rows of data. A red circle and the number '2' are placed over the 'Load' button at the bottom right of the preview window. A note at the bottom of the preview states: 'The data in the preview has been truncated due to size limits.'

BRING YOUR OWN DATA

optional 4th day of training available to dive into your own data and create stunning reports



Add-on to classroom based training

Apply concepts learned in class to your own data scenario

Get your Power BI solution started quickly

Live assistance from expert consultants

CLASS FOLLOW UP

Add on to classroom based training

Scheduled calls with instructor to re-visit data scenarios or continue to assist in Power BI development

Plan for deployment and “go-live”