Power Query → **Power Pivot** → **Power View** → **Power BI** (Publish)

Identify the Data

Ask questions first

Power BI: Introduction to Business Analytics

Course Author: Joshua Michalik

Ask Questions First

What kind of data do you need?

What sources are available?

Will this be used for a 1x report or a dashboard?

Is the data available on the cloud, local file, or private server?

Is the data restricted to an audience?

Do you need to relate multiple sources?

Determine Sources

Open Data

Product Data

Creating New Sources

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Course Author: Joshua Michalik

Open Data

Government Data
(https://www.data.gov)

AWS
(https://registry.opendata.aws/)

Facebook
(https://developers.facebook.com
/docs/graph-api)

Google
(http://www.google.com/publicda
ta/directory)

Agriculture   Climate   Consumer   Ecosystems   Education

Energy   Finance   Health   Local Government   Manufacturing

Maritime   Ocean   Public Safety   Science & Research

Course Author: Joshua Michalik

Product Data

Databases available in-house

Local files

Web APIs

Spreadsheets

Salesforce data

Creating New Sources

In some cases, data is not yet compiled and may need to be created.

Is the data possible to collect with the current applications?

Have others collected this data?

Connect to the Data

Power BI: Introduction to Business Analytics

Connect to the Sources

Fill in Details

Refreshing Data

Course Author: Joshua Michalik

Connect to the Sources

Fill in Details

Each source has specific information needed to be connected.

How often will the data need to be refreshed?

Is there a lighter-weight source for collecting the data?

SQL Server database

Server ⓘ

Database (optional)

Data Connectivity mode ⓘ
◉ Import
○ DirectQuery

▷ Advanced options

OK   Cancel

Refreshing Data

Determine how you need the data to be refreshed.

Live is not always necessary.