

# Power Pivot and Power Query Overview

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- Pivot tables summarize data in one spreadsheet.
- Power Pivot and Power Query allow external databases, spreadsheets, websites, and other sources to be imported and generate pivot tables using multiple sources simultaneously.
- Power Query connects to data and uses Power Pivot for analysis.
- Power Pivot can connect to certain data and generate PivotTables and PivotCharts.
- Power Pivot is built into Excel and requires an installation.

Business Analytics: Power Pivot and Power Query Overview

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# The End

# Power Query Overview

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- Power Query can connect to spreadsheets, databases, websites, and other files.
- Power Query can create relationships among the different data sources, like database relationships.
- Data and relationships created by Power Query can then be used by Power Pivot to create PivotTables and PivotCharts.

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# The End

# Power Pivot Importing

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# Power Pivot Importing

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- Power Pivot can import data from a limited set of files, such as spreadsheets and databases.
- Power Pivot is more limited in the types of file connections compared with Power Query.
- When Power Pivot imports data from a database, it imports both the tables and relationships.



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# The End

# Power Pivot Relationships

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# Power Pivot Relationships

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- Power Pivot can create relationships among datasets imported.
- Relationships from an imported database are preserved.
- Relationships need to be created between spreadsheet files and other files.

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# The End

# Power Pivot Table Properties and Filters

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- Table properties in Power Pivot identify the characteristics of the data connection.
- Filters in Power Pivot identify the criteria imposed on the display of data.

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# The End

# Creating PivotTables With Power Pivot

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# Creating PivotTables With Power Pivot

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- Power Pivot can create PivotTables using multiple loaded tables from databases, spreadsheets, websites, or other files.
- Power Pivot lists the tables and the fields within each table.
- Any of the fields from the connected data sources can be used in the creation of PivotTables.

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# The End

# Power Pivot Slicers

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# Power Pivot Slicers

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- A Power Pivot slicer is a user-friendly menu for categorical data.
- A user can click buttons in the slicer to turn on or turn off the filter, which determines what data is displayed in the PivotTable.

Business Analytics: Power Pivot Slicers

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# The End

# Power Pivot Timelines

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# Power Pivot Timelines

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- A Power Pivot timeline is a user-friendly menu for date ranges.
- A user can click buttons in the timeline to turn on or turn off a range of dates, which determines what data are displayed in the PivotTable.

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# The End



# Power PivotCharts

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# Power PivotCharts

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- Power Pivot can generate PivotCharts like PivotTables.
- The options are the same for Power PivotCharts that exist for PivotCharts

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# The End