# Power BI Importing Data - Assignment Answers

## List three data sources Power BI can connect to.

1. SQL Server Database  
2. Excel files  
3. Web APIs (e.g., JSON, OData)

## What is the first step to import data into Power BI Desktop?

Click on the 'Get Data' button in the Home ribbon.

## How do you refresh imported data in Power BI?

Click the 'Refresh' button on the Home tab, or schedule refresh in the Power BI Service.

## What file formats can Power BI import directly? (Name two.)

1. CSV  
2. Excel (XLSX)

## What does the 'Navigator' window show after selecting a data source?

It displays the available tables, sheets, or objects inside the data source and a preview of the data.

## How would you change OrderDate to a date format during import?

In the Power Query Editor, select the 'OrderDate' column, then use the 'Data Type' dropdown to choose 'Date'.

## What is the difference between 'Load' and 'Transform Data' in the import dialog?

'Load' imports the data directly into Power BI, while 'Transform Data' opens Power Query Editor to clean or transform data before loading.

## Why might you see an error when connecting to a SQL database? (Name one reason.)

Invalid server name or wrong credentials.

## How do you replace a data source after importing it?

Go to 'Transform Data' → 'Data Source Settings' → Change Source.

## How would you change the data source if Sales\_Data.csv changed?

Go to 'Transform Data' → 'Data Source Settings' → Edit permissions/Change source file path.

## Troubleshoot: Your CSV import fails due to a 'mixed data type' error—how do you fix it?

Open Power Query Editor and manually set the correct column data type (e.g., convert text to number).

## How would you automate data imports using Power BI and Power Automate?

Use Power Automate to schedule or trigger refreshes of Power BI datasets automatically.