Power BI Data Import and Connection Questions

List three data sources Power BI can connect to.

- SQL Server

- Excel

- SharePoint

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

Click on 'Home' > 'Get Data', then select your data source.

How do you refresh imported data in Power BI?

Click 'Refresh' on the Home ribbon or schedule a refresh in Power BI Service.

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

- .xlsx (Excel)

- .csv (Comma Separated Values)

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

It shows the tables, sheets, or data objects available for selection and preview.

Import Sales_Data.csv and load only the "Product" and "Price" columns.

Use Power Query to select only the 'Product' and 'Price' columns before loading.

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

In Power Query, select the 'OrderDate' column, then use 'Data Type' > 'Date'.

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

"Load" directly imports data as-is, while "Transform Data" opens Power Query for cleaning or shaping data first.

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

Invalid credentials or lack of permission to access the database.

How do you replace a data source after importing it?

Go to 'Home' > 'Transform Data' > 'Data Source Settings' and update the source path or connection string.

Write the M-code to import only rows where Quantity > 1.

Table.SelectRows(Source, each [Quantity] > 1)

How would you change the data source if Sales_Data.csv changed?

Go to 'Data Source Settings', select Sales_Data.csv, and click 'Change Source' to update the path.

Troubleshoot: Your CSV import fails due to a "mixed data type" error-how do you fix it?

Manually set the correct column data types in Power Query.

Connect to a live SQL database with parameters (e.g., filter by year).

Use a parameter in Power Query and modify the SQL query to include WHERE Year = Parameter.

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

Create a Power Automate flow that refreshes the dataset on a schedule or trigger, such as a new file upload.