

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

Answer:

- Excel
- SQL Server
- Web

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

Answer:

Click on Get Data and choose your data source.

1. How do you refresh imported data in Power BI?

Answer: Click Refresh in the toolbar, it reloads updated data from source.

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

Answer: csv and excel

1. What does the “Navigator” window show after selecting a data source?

Answer: It shows a preview of tables or sheets you can load.

1. Import Sales\_Data.csv and load only the “Product” and “Price” columns.

Answer: Click Get Data then choose csv then check only product and price columns then click load.

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

Answer: Click Transform Data then select OrderDate column then use Data Type then date.

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

Answer:

- Loads: brings data into Power BI as-is
- Transform Data: opens Power Query to clean or edit data first.

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

Answer: Wrong server name or no permission to access the database.

1. How do you replace a data source after importing it?

Answer: Go to Transform data then data source settings then click change source.

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

```
= Table.selectRows(Source, each [Quantity] > 1)
```

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

Answer: Got to Transform data, data source settings, browse to the new file.

1. Troubleshoots: Your CSV import fails due to a mixed data type error - how do you fix it?

Answer: Go to Power Query and set the correct data type for each column manually.

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

Answer: Use get data, sql server, enter a parameter in the query like where year = 2023

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

Answer: Use power automate to trigger a refresh in Power BI based on schedule or events.