

Part - 7

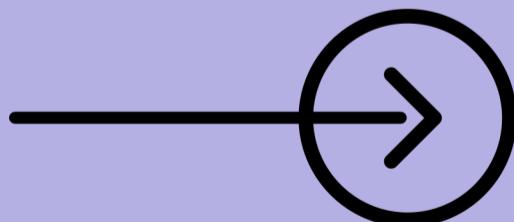
Power Query Interview Questions and Answers...!



Sharing with
Counter questions ↑



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What techniques do you use to handle data type conversions in power query?

In Power Query, I handle data type conversions by manually setting data types, using automatic detection, and leveraging M language functions.



**Can you explain it
in detailed way**

1. Manual data type conversion:

- **Method: Select the column header, go to the 'Transform' tab, and choose the appropriate data type (e.g., Text, Number, Date).**
- **Example:**
Converting a SalesAmount column to a Decimal Number.

- **Select the 'SalesAmount' column.**
- **Go to the 'Transform' tab.**
- **Click on 'Data Type' dropdown and select 'Decimal Number'.**

What about **automatic data type detection?**



2. Automatic Data Type Detection:

→ **Method:** Power Query often automatically detects and assigns data types based on the first few rows of data.

→ **Example:**
When loading data from an Excel file,

Power Query might automatically set the Date column to Date type.

What about M language ?



3. Using M Language:

→ **Method:** For more complex scenarios, I use M language functions like;

Number.FromText, Date.FromText, or Text.From

→ to explicitly convert data types.



wanna see some
Counter Questions

1. How do you handle data type conversion errors in Power Query?

→ I handle conversion errors by using the try...otherwise construct in M language to provide default values or custom error messages.

For example;

```
• • •  
#"Added Custom Column" = Table.AddColumn(SalesData, "Formatted Date", each try Date.FromText([SalesDate]) otherwise null)
```

Next Question



2. How do you ensure consistent data types across different data sources?

- I ensure consistency by explicitly defining data types after combining data from different sources.

This involves checking and aligning data types using manual conversion or M language functions



3. Can you automate data type conversions for recurring ETL processes?

→ Yes, automation can be achieved by scripting the data type conversion steps in the M language.

Once set up, these scripts run automatically every time the data is refreshed, ensuring consistent data types without manual intervention.



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