Task 02 - Custom DataFrame Transformation

 This task demonstrates how to implement custom transformations in a pandas DataFrame using apply and groupby.

Transformations Applied:

- 1 Created a new column TotalPrice = Quantity * Price.
- 2 Implemented custom function discounted_revenue using apply to calculate discounted revenue.
- 3 Generated DiscountedRevenue = TotalPrice * (1 Discount).

GroupBy Operation:

• Grouped the data by Quantity and calculated the average DiscountedRevenue.

Observations:

- apply() is powerful for row-wise or column-wise custom calculations.
- 2 groupby() efficiently summarizes data by categorical features.
- 3 Combining apply and groupby enables flexible data analysis pipelines.