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.
- groupby() efficiently summarizes data by categorical features.
- Combining apply and groupby enables flexible data analysis pipelines.