Practice Day 15.5

Dataset :

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1. Add New Column and Save File

You have a DataFrame with column `Price`.
Create a new column `Discounted_Price with` (10% discounted price).
Save the modified DataFrame as `discounted_products.csv`.

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2. Check Duplicates and Remove Them

Column: `EmployeeID`
Tasks:

- Count duplicate entries

- Remove duplicates

- Display cleaned DataFrame

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3. Handle Missing Values

Columns: `Age, Salary`
Tasks:

- Count missing values

- Fill missing `Age` with mean age

- Drop rows where `Salary` is missing

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4. Apply Statistical Functions

Columns: `Marks1, Marks2, Marks3`
 Tasks:

- Calculate mean, max for each subject

- Compute total marks per student

- Find standard deviation of total marks

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5. Histogram, Bar, Scatter, Pie

Create:

- Histogram of Age
- Scatter plot (Age vs Salary)
- Scatter plot (Price vs Discounted Price)