### 50 points

### Activity:2 Salary Dataset

create a dataset with the following columns: and fill with data

* EmployeeID: Unique identifier for each employee.
* Name: Employee's name.
* Age: Employee's age.
* Department: Employee's department.
* Salary: Employee's salary

**Calculate Basic Statistics**

* Find the **average (mean) salary** of all employees.
* Find the **median salary** of all employees.
* Determine the **standard deviation** of the salaries.
* Calculate the **total salary expenditure** for the company.

**Document Your Findings**

* Summarize your analysis by writing a short report that includes:
  + The key statistics you calculated.
  + Observations about the salary distribution.
  + Insights on how salaries vary across departments.

the data   
EmployeeID,Name,Age,Department,Salary

1,Alice,45,HR,54000

2,Bob,52,IT,78000

3,Charlie,37,Finance,66000

4,David,28,Marketing,72000

5,Eva,41,Sales,85000

6,Frank,53,IT,90000

7,Grace,32,Finance,62000

8,Henry,25,HR,40000

9,Ivy,48,Sales,94000

10,Jack,39,Marketing,70000

11,Karen,29,IT,65000

12,Leo,44,Finance,86000

13,Mona,33,HR,47000

14,Nina,51,Sales,88000

15,Oscar,36,Marketing,56000  
  
**Please remember this text: "Save the file with the name 'SALARY\_DATA' as a CSV file, then upload it to GitHub."**