ASSIGNMENT 4:

1. Download dataset from <https://www.kaggle.com/datasets/krishujeniya/salary-prediction-of-data-professions?resource=download>
2. Ingest the dataset from your local machine storage into postgresQL database

Hint: use **copy command** in sql editor which will copy your csv file to postgres DB

For ingesting csv you might also need to create table according to the column structure of your CSV file ahead of executing copy command

1. Once the table is populated please complete following queries:

### **Common Table Expressions (CTEs):**

**Question 1:** Calculate the average salary by department for all Analysts.

**Question 2:** List all employees who have used more than 10 leaves.

### **Views:**

**Question 3:** Create a view to show the details of all Senior Analysts.

### **Materialized Views:**

**Question 4:** Create a materialized view to store the count of employees by department.

### **Procedures (Stored Procedures):**

**Question 6:** Create a procedure to update an employee's salary by their first name and last name.

**Question 7:** Create a procedure to calculate the total number of leaves used across all departments.