

# SQL CLASS FINAL PROJECT

## **Scenario**

You work as a data analyst in company ABC. As a member of the data team, the team lead asked you to retrieve the following information from the employees and job table which has already been collected. However, the table has not yet been imported into the server. Import these tables into the server and retrieve these information.

### **QUESTION 1**

The total number of employees in the company

### **QUESTION 2**

The total number of employees in each department

### **QUESTION 3**

The three departments with the highest number of employees

### **QUESTION 4**

Who are the oldest and newest employee. Also retrieve the date they joined the company and all information about them.

## **QUESTION 5**

The oldest and newest employee in each department.

Hint: Use Row\_number Function and CTE

## **QUESTION 6**

The total number of information technology programmers in the company.

Hint: Use the join statement

## **QUESTION 7**

The year difference between the date the oldest and newest employee joined the company.

## **QUESTION 8**

Who are the employees that earn below average? Retrieve their salaries and also their job title.

Hint: Subquery is required

## **QUESTION 9**

Update the strings of the email column to lower case letter.

## **QUESTION 10**

You noticed that the commission column is empty. Delete the column from the table.