

Project Objectives

1. Employee & Department Overview

- **Task 1:** List all employees, along with their department name, salary, and manager name.
- **Task 2:** Calculate the average salary for each department.
- **Task 3:** Identify the department with the highest average salary.

2. Project Assignment Analysis

- **Task 4:** Retrieve the details of all employees working on projects, including project name, department, start date, and end date.
- **Task 5:** Find employees who have worked on more than 2 projects.
- **Task 6:** List all projects completed in the last 6 months.

3. Manager & Employee Performance

- **Task 7:** For each manager, list their employees and the projects those employees are assigned to.
- **Task 8:** Identify which manager has the highest number of employees working on projects.

4. Salary & Tenure Analysis

- **Task 9:** Find the 5 highest-paid employees and their department.
- **Task 10:** For each department, calculate the total number of employees hired in each year since 2018.
- **Task 11:** Compare the average salary of employees who joined in 2020 and later with those who joined earlier.