SQL Project - Employees Salary Analysis.

Basic SQL Queries:

1. **Find employees earning more than $80,000** (salary, name, age)
2. **List employees in IT or Engineering departments** (full name)
3. **Count the total number of IT employees**
4. **Retrieve all departments with their corresponding IDs, sorted by employee full name (ascending)**
5. **Find employees in the IT department who are female, 32 years old, sorted by full name (ascending)** (department, full name)

Intermediate SQL Queries:

1. **Identify the highest salary in each department** (department, highest salary)
2. **Count the number of employees in each department** (department, employee count)
3. **List employees who earn more than the average salary in their department** (employee ID, full name, salary, department average salary)
4. **Find departments with more than 5 employees** (department)
5. **Identify the second highest salary in the company** (salary)
6. **List employees with duplicate full names** (full name, duplicate count)
7. **Update salaries in the IT department by a 10% increase**

Advanced SQL Queries:

1. **Find the highest-paid employee in each department** (department, employee name, highest salary)
2. **List employees earning more than the average salary in their department** (same as intermediate query 3)
3. **Identify the department with the maximum number of employees** (department, employee count)
4. **Find the department with the highest total employee salary (Top 5)** (department, total salary)
5. **List the top 3 highest-paid employees from the Sales department** (full name, salary)
6. **Identify departments where the total salary expenditure exceeds a certain threshold** (department, total salary expenditure)
7. **List of departments exceeding a certain salary expenditure threshold** (same as query 6)
8. **Find employees who have been with the company for more than 5 years** (full name, hire date, years with company)