SubQueries

Assignment Questions

Employee Dataset:

emp_id	name	department_id	salary
101	Abhishek	D01	62000
102	Shubham	D01	58000
103	Priya	D02	67000
104	Rohit	D02	64000
105	Neha	D03	72000
106	Aman	D03	55000
107	Ravi	D04	60000
108	Sneha	D04	75000
109	Kiran	D05	70000
110	Tanuja	D05	65000

Department Dataset:

department_id	department_name	location
D01	Sales	Mumbai
D02	Marketing	Delhi
D03	Finance	Pune
D04	HR	Bengaluru
D05	IT	Hyderabad

Sales Dataset:

sale_id	emp_id	sale_amount	sale_date
201	101	4500	2025-01-05
202	102	7800	2025-01-10
203	103	6700	2025-01-14
204	104	12000	2025-01-20
205	105	9800	2025-02-02
206	106	10500	2025-02-05
207	107	3200	2025-02-09
208	108	5100	2025-02-15
209	109	3900	2025-02-20
210	110	7200	2025-03-01

PW SKILLS

15 Daily Practice Problems (DPP) on Subqueries

Basic Level
1. Retrieve the names of employees who earn more than the average salary of all employees.
2. Find the employees who belong to the department with the highest average salary.
3. List all employees who have made at least one sale.
4. Find the employee with the highest sale amount.
5. Retrieve the names of employees whose salaries are higher than Shubham's salary.

Intermediate Level
1. Find employees who work in the same department as Abhishek.
2. List departments that have at least one employee earning more than ₹60,000.
3. Find the department name of the employee who made the highest sale.
4. Retrieve employees who have made sales greater than the average sale amount.
5. Find the total sales made by employees who earn more than the average salary.

Advanced Level
1. Find employees who have not made any sales.
2. List departments where the average salary is above ₹55,000.
3. Retrieve department names where the total sales exceed ₹10,000.
4. Find the employee who has made the second-highest sale.
5. Retrieve the names of employees whose salary is greater than the highest sale amount recorded.