

Question → Salary of the 3rd youngest employee

Emp ID	DOB	Salary
D	1st Jan 1994 (youngest)	80
C	1st Jan 1993 (2nd youngest)	150
B	1st Jan 1992 (3rd youngest)	125
A	1st Jan 1990	100

1. Method 1: Without window function

Select empId, DOB, Salary

From employees

Order by DOB desc

Limit 1 offset 2; →

Note:

1. Offset 2 → skip first 2 rows (the 1st and 2nd youngest)
2. Limit 1 → pick the next row → 3rd youngest

Problem: Limit/Offset does not handle ties correctly

2. Method 2: With window function (Rank() or Dense\_Rank())

Select EmpId, DOB, Salary

From (

Select EmpId, DOB, Salary,

Dense\_rank() over(order by DOB DESC) as rnk

From employees

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Where rnk = 3;