## **2nd Highest Salary**

## employees

+	+-		-+
id	1	int	
first_name		varchar	1
last_name		varchar	
salary		int	
department_id		int	+
+	+-		-+
departments			
+	+-		-+
id		int	<-+
name		varchar	
+	+-		-+

Write a SQL query to select the 2nd highest salary in the engineering department. If more than one person shares the highest salary, the query should select the next highest salary.

## **Output:**

column	type
salary	int

## Solution

Use RANK () OVER ( PARTITION BY .... ORDER BY ....DESC )

AND MAX(SALARY) → gives the highest salary (eliminate it)

But think of how to get  $3^{\text{rd}}$  or  $4^{\text{th}}$  highest salary the above logic may not work . Then use CTE