Class_09.04.2023_SQL_Window_Functions_Day1

April 9, 2023

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-   select * from details;
-   SELECT MAX(emp_salary) FROM details;
-   SELECT emp_department , MAX(emp_salary)
    FROM details
    GROUP BY emp_department;
-   SELECT * , MAX(emp_salary) OVER() as max_salary from details;
-   SELECT * , MAX(emp_salary) OVER(PARTITION BY emp_department) as max_salary from details;
-   SELECT * , MIN(emp_salary) OVER(PARTITION BY emp_department) as min_salary from details;
-   SELECT * , AVG(emp_salary) OVER(PARTITION BY emp_department) as avg_salary from details;
-   SELECT * , COUNT(emp_salary) OVER(PARTITION BY emp_department) as count_emp from details;
-   SELECT * , ROW_NUMBER() OVER() as RN FROM details;
-   SELECT * , ROW_NUMBER() OVER(PARTITION BY emp_department) as RN
    FROM details;
-   SELECT * , ROW_NUMBER()
    OVER(PARTITION BY emp_department
    ORDER BY emp_salary)   as RN FROM details;
-   SELECT * , ROW_NUMBER()
    OVER(PARTITION BY emp_department ORDER BY emp_salary DESC) as RN
    FROM details;
-   SELECT * FROM (SELECT * , ROW_NUMBER()
    OVER(PARTITION BY emp_department ORDER BY emp_salary)
    AS rn FROM details) X WHERE X.rn = 1;
    -   SELECT * FROM(SELECT e.* , RANK() OVER(PARTITION BY emp_department ORDER BY emp_salary
    AS rnk FROM details e) X WHERE x.rnk < 4;
    -   SELECT e.* , DENSE_RANK() OVER(PARTITION BY emp_department ORDER BY     emp_salary)
    AS d_rnk FROM details e;
-   SELECT e.* ,
    ROW_NUMBER() OVER(PARTITION BY emp_department ORDER BY emp_salary) AS Rownum ,
    RANK() OVER(PARTITION BY emp_department ORDER BY emp_salary) AS Rnk,
    DENSE_RANK() OVER(PARTITION BY emp_department ORDER BY emp_salary) AS DRnk FROM
    details e;
```