

## How to perform ranking function in employee table

The screenshot shows the DBeaver 22.2.0 interface with a SQL script editor. The script contains the following SQL query:

```
SELECT * FROM ANS_EMPLOYEESS
```

The results pane displays a table with the following columns: EMPLOYEE\_ID, FIRST\_NAME, SALARY, MANAGER\_ID, and DEPARTMENT\_ID. The data is sorted by EMPLOYEE\_ID.

EMPLOYEE_ID	FIRST_NAME	SALARY	MANAGER_ID	DEPARTMENT_ID
21	Matthew	8,000	100	50
22	Adam	8,200	100	50
23	Payam	7,900	100	50
24	Shanta	6,500	100	50
25	Kevin	5,800	100	50
26	Julia	3,200	120	50
27	Irene	2,700	120	50
28	James	2,400	120	50
29	Steven	2,200	120	50
30	Laura	3,300	121	50
31	Mozhe	2,800	121	50
32	James	2,500	121	50
33	TJ	2,100	121	50
34	Jason	3,300	122	50
35	Michael	2,900	122	50
36	Ki	2,400	122	50
37	Hazel	2,200	122	50
38	Renske	3,600	123	50
39	Stephen	3,200	123	50
40	John	2,700	123	50
41	Joshua	2,500	123	50
42	Trenna	3,500	124	50
43	Curtis	3,100	124	50

The second screenshot shows the same DBeaver interface with a different SQL script. The script contains the following SQL query:

```
SELECT * FROM ANS_EMP_DEPS
```

The results pane displays a table with the following columns: DRNK, SALARY, and DEPARTMENT\_ID. The data is sorted by DRNK.

DRNK	SALARY	DEPARTMENT_ID
1	8,200	50
2	8,000	50
3	7,900	50
4	6,500	50
5	5,800	50
6	3,600	50
7	3,500	50
8	3,300	50
9	3,200	50
10	3,100	50
11	2,900	50

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```
SELECT RANK() OVER(PARTITION BY DEPARTMENT_ID ORDER BY SALARY DESC)
AS RANKS,SALARY,DEPARTMENT_ID
FROM ANS_EMPLOYEES
```

Results 1 x

SELECT RANK() OVER(PARTITION BY DEPT Enter a SQL expression to filter results (use Ctrl+Space)

Grid	RANKS	SALARY	DEPARTMENT_ID
7	1	8,200	50
8	2	8,000	50
9	3	7,900	50
10	4	6,500	50
11	5	5,800	50
12	6	3,600	50
13	7	3,500	50
14	8	3,300	50
15	8	3,300	50
16	10	3,200	50
17	10	3,200	50
18	12	3,100	50
19	13	2,900	50
20	14	2,800	50
21	15	2,700	50
22	15	2,700	50
23	17	2,600	50
24	18	2,500	50
25	18	2,500	50

Save Cancel Script 200 51 Rows: 1 51 row(s) fetched - 443ms, on 2022-09-22 at 13:05:1 IST en

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Name

- Script-2.sql
- Script-3.sql
- Script-4.sql
- Script-5.sql
- Script-6.sql

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```
SELECT * FROM ANS_EMPLOYEES
```

Results 1 x

SELECT ROW\_NUMBER () OVER(PARTITION BY DE Enter a SQL expression to filter results (use Ctrl+Space)

Grid	RANKS	SALARY	DEPARTMENT_ID
7	1	8,200	50
8	2	8,000	50
9	3	7,900	50
10	4	6,500	50
11	5	5,800	50
12	6	3,600	50
13	7	3,500	50
14	8	3,300	50
15	9	3,300	50
16	10	3,200	50
17	11	3,200	50
18	12	3,100	50
19	13	2,900	50
20	14	2,800	50
21	15	2,700	50
22	16	2,700	50
23	17	2,600	50
24	18	2,500	50
25	19	2,500	50

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Name

- Script-2.sql
- Script-3.sql
- Script-4.sql
- Script-5.sql
- Script-6.sql

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