

## Analytical Functions and Joins

DBBeaver 22.2.0 - <dlithe> Script

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SQL Commit Rollback Auto dlithe dbo@dlithe

Enter a part of object name

> dlithe - reworksolution.dat

```
WHERE DRNK=1

SELECT * FROM S_HREMPLOYEES sh ;
SELECT * FROM S_HREPARTMENTS sh ;
SELECT * FROM S_HRCOUNTRIES sh ;
SELECT * FROM S_HRLOCATIONS sh ;
SELECT * FROM S_HREMP_DETAILS_VIEW shdv ;
SELECT * FROM S_HRJOB_HISTORY shh ;
SELECT * FROM S_HRJOBS sh ;
SELECT * FROM S_HRREGIONS sh ;

SELECT * FROM (
  SELECT DENSE_RANK () OVER (PARTITION BY DEPARTMENT_ID ORDER BY HIRE_DATE ASC) AS DRNK,SALARY,DEPARTMENT_ID,HIRE_DATE
  FROM DBO.S_HREMPLOYEES sh
  --WHERE DEPARTMENT_ID=90
)X
WHERE DRNK=3
```

Results 1 x SQL Terminal

```
SELECT * FROM (SELECT DENSE_RANK () OVER (PARTITION BY DEPARTMENT_ID ORDER BY HIRE_DATE ASC) AS DRNK,SALARY,DEPARTMENT_ID,HIRE_DATE
FROM DBO.S_HREMPLOYEES sh
--WHERE DEPARTMENT_ID=90
)X
WHERE DRNK=3
```

DRNK	SALARY	DEPARTMENT_ID	HIRE_DATE
1	2,800	30	2005-07-24 00:00:00.000
2	3,500	50	2003-10-17 00:00:00.000
3	4,800	60	2006-02-05 00:00:00.000
4	11,000	80	2004-05-11 00:00:00.000
5	17,000	90	2005-09-21 00:00:00.000
6	8,200	100	2005-09-28 00:00:00.000

Save Cancel Script 200 Rows: 0 6 row(s) fetched - 164ms, on 2022-09-08 at 12:44:24

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Data... x Proj... x \*<dlithe> Script x

Enter a part of object na

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```

SELECT * FROM (
  SELECT DENSE_RANK () OVER (PARTITION BY DEPARTMENT_ID ORDER BY HIRE_DATE ASC) AS DRNK,SALARY,DEPARTMENT_ID,HIRE_DATE
  FROM DBO.S_HREMPLOYEES sh
  --WHERE DEPARTMENT_ID=98
)X
WHERE DRNK=3

SELECT
*
FROM
  DBO.S_HREMPLOYEES sh
  INNER JOIN DBO.S_HRDEPARTMENTS sh2
  ON SH.DEPARTMENT_ID=SH2.DEPARTMENT_ID
  RIGHT JOIN DBO.S_HRLOCATIONS SH3
  ON SH2.LOCATION_ID=SH3.LOCATION_ID;

```

Results 1 x SQL Terminal

SELECT \* FROM DBO.S\_HREMPLOYEES sh INNER

DEPARTMENT_ID	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID	LOCATION_ID	STREET_ADDRESS	POSTAL_CC	Value
102	20	Marketing	201	1,800	1,800	147 Spadina Ave	M5V 2L7	100.0
103	40	Human Resources	203	2,400	2,400	8204 Arthur St	[NULL]	
104	70	Public Relations	204	2,700	2,700	Schwanthalerstr. 7031	80925	
105	110	Accounting	205	1,700	1,700	2004 Charade Rd	98199	
106	110	Accounting	205	1,700	1,700	2004 Charade Rd	98199	
107	[NULL]	[NULL]	[NULL]	[NULL]	[NULL]	40-5-12 Laogianggen	190518	
108	[NULL]	[NULL]	[NULL]	[NULL]	[NULL]	2007 Zagora St	50090	
109	[NULL]	[NULL]	[NULL]	[NULL]	[NULL]	Pieter Breughelstraat 83	3029SK	
110	[NULL]	[NULL]	[NULL]	[NULL]	[NULL]	100 Central North	E40100	

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Data... x Proj... x \*<dlithe> Script x

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> dlithe - rewsolution.dat

```

WHERE DRNK=3

SELECT
*
FROM
  DBO.S_HREMPLOYEES sh
  INNER JOIN DBO.S_HRDEPARTMENTS sh2
  ON SH.DEPARTMENT_ID=SH2.DEPARTMENT_ID
  RIGHT JOIN DBO.S_HRLOCATIONS SH3
  ON SH2.LOCATION_ID=SH3.LOCATION_ID
  INNER JOIN DBO.S_HRCOUNTRIES SH4
  ON SH3.COUNTRY_ID = SH4.COUNTRY_ID
  LEFT JOIN DBO.S_HRREGIONS SH5
  ON SH4.REGION_ID =SH5.REGION_ID
  FULL OUTER JOIN DBO.S_HRJOBS SH6
  ON SH.JOB_ID=SH6.JOB_ID ;

```

Results 1 x SQL Terminal

SELECT \* FROM DBO.S\_HREMPLOYEES sh INNER

ID	COUNTRY_ID	COUNTRY_ID	COUNTRY_NAME	REGION_ID	REGION_ID	REGION_NAME	JOB_ID	JOB_TITLE	Value
1	US	US	United States of America	2	2	Americas	AD_PRES	President	100.0
2	US	US	United States of America	2	2	Americas	AD_VP	Administration Vice Preside	
3	US	US	United States of America	2	2	Americas	AD_VP	Administration Vice Preside	
4	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	
5	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	
6	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	
7	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	
8	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	
9	US	US	United States of America	2	2	Americas	IT_PROG	Programmer	

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