



```
1 • create database employee
```

2

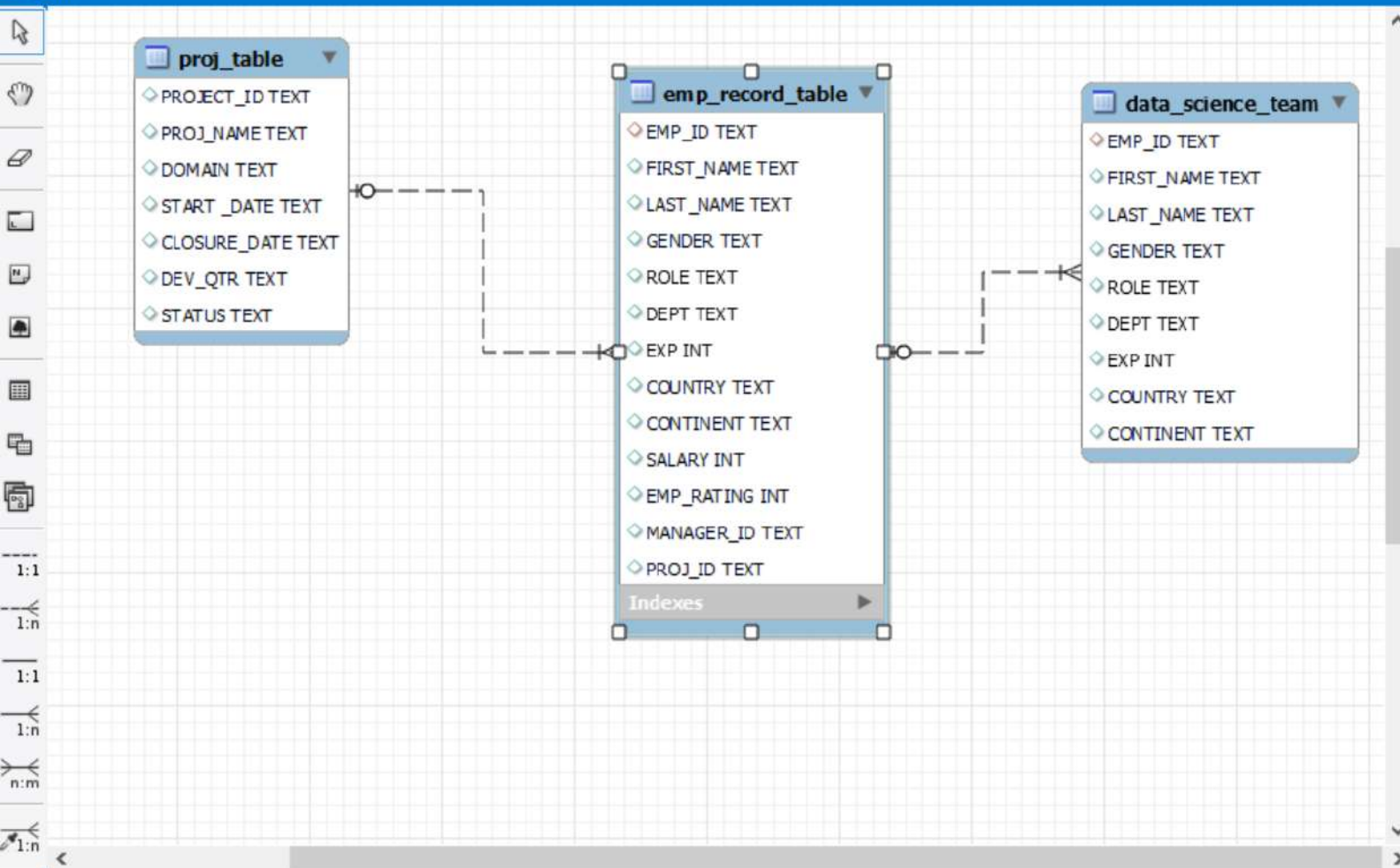
3

4

Output :

Action Output

#	Time	Action	Message
1	12:31:12	create database employee	1 row(s) affected







```
1 • select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where EMP_RATING < 2;
```

2
3
4
5

Result Grid Filter Rows: Export: Wrap Cell Content:

	EMP_ID	FIRST_NAME	LAST_NAME	GENDER	DEPT	EMP_RATING
▶	E057	Dorothy	Wilson	F	HEALTHCARE	1
	E532	Claire	Brennan	F	AUTOMOTIVE	1
	E620	Katrina	Allen	F	RETAIL	1

Result Grid

Form
Editor

Field Types

emp_record_table 2 x

Read Only

Output

 Action Output

#	Time	Action	Message
24	13:20:23	select EMP_ID,FIRST_NAME,LAST_NAME,GENDER,DEPT from emp_record_tab...	19 row(s) returned



```
1 • select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where EMP_RATING>4;
```

2
3
4
5

Result Grid Filter Rows: Export: Wrap Cell Content:

	EMP_ID	FIRST_NAME	LAST_NAME	GENDER	DEPT	EMP_RATING
▶	E001	Arthur	Black	M	ALL	5
	E052	Dianna	Wilson	F	HEALTHCARE	5
	E083	Patrick	Voltz	M	HEALTHCARE	5
	E204	Karene	Nowak	F	AUTOMOTIVE	5

Result Grid

Form
Editor

Field Types

emp_record_table 3 x

 Read Only

Output

 Action Output

#	Time	Action	Message
25	13:26:02	select EMP_ID,FIRST_NAME,LAST_NAME,GENDER,DEPT,EMP_RATING from ...	3 row(s) returned

Limit to 1000 rows

```
1 • _ID,FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where EMP_RATING >= 2 and EMP_RATING <= 4;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	EMP_ID	FIRST_NAME	LAST_NAME	GENDER	DEPT	EMP_RATING
▶	E005	Eric	Hoffman	M	FINANCE	3
	E010	William	Butler	M	AUTOMOTIVE	2
	E103	Emily	Grove	F	FINANCE	4
	E245	Nian	Zhen	M	RETAIL	2
	E260	Roy	Collins	M	RETAIL	3
	E403	Steve	Hoffman	M	FINANCE	3
	E428	Pete	Allen	M	AUTOMOTIVE	4
	E478	David	Smith	M	RETAIL	4
	E505	Chad	Wilson	M	HEALTHCARE	2
	E583	Janet	Hale	F	RETAIL	2
	E612	Tracy	Norris	F	RETAIL	4
	E640	Jenifer	Jhones	F	RETAIL	4

emp_record_table 4 x

Read Only

Output

Action Output

#	Time	Action	Message
✓ 26	13:27:00	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from ...	4 row(s) returned



Limit to 1000 rows



```
1 • select concat( FIRST_NAME, LAST_NAME ) as NAME from emp_record_table where dept ="FINANCE";
2
3
4
5
```

<

>

Result Grid

 Filter Rows:

Export: 

Wrap Cell Content: 



	NAME
▶	EricHoffman
	EmilyGrove
	SteveHoffman


 Result Grid


 Form Editor

 Field Types



Result 5



 Read Only

Output



Limit to 1000 rows



```
1 • SELECT EMP_ID,FIRST_NAME,LAST_NAME,DEPT FROM emp_record_table
2 WHERE DEPT = "HEALTHCARE"
3 UNION
4 SELECT EMP_ID,FIRST_NAME,LAST_NAME,DEPT FROM emp_record_table
5 WHERE DEPT = "FINANCE"
6 ORDER BY DEPT,EMP_ID;
7
```

Result Grid

 Filter Rows:

Export: 

Wrap Cell Content: 

	EMP_ID	FIRST_NAME	LAST_NAME	DEPT
▶	E005	Eric	Hoffman	FINANCE
	E103	Emily	Grove	FINANCE
	E403	Steve	Hoffman	FINANCE
	E052	Dianna	Wilson	HEALTHCARE
	E057	Dorothy	Wilson	HEALTHCARE
	E083	Patrick	Voltz	HEALTHCARE
	E505	Chad	Wilson	HEALTHCARE

Result Grid

Form Editor

Field Types

Result 6 x

Read Only

Output

#	Time	Action	Message
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```
1 • SELECT m.EMP_ID,m.FIRST_NAME,m.LAST_NAME,m.ROLE,m.DEPT,m.EMP_RATING,max(m.EMP_RATING)
2 OVER(PARTITION BY m.DEPT)
3 AS "MAX_DEPT_RATING" FROM emp_record_table m ORDER BY DEPT;
4
5
6
7
```

	EMP_ID	FIRST_NAME	LAST_NAME	ROLE	DEPT	EMP_RATING	MAX_DEPT_RATING
▶	E001	Arthur	Black	PRESIDENT	ALL	5	5
	E010	William	Butler	LEAD DATA SCIENTIST	AUTOMOTIVE	2	5
	E204	Karene	Nowak	SENIOR DATA SCIENTIST	AUTOMOTIVE	5	5
	E428	Pete	Allen	MANAGER	AUTOMOTIVE	4	5
	E532	Claire	Brennan	ASSOCIATE DATA SCIENTIST	AUTOMOTIVE	1	5
	E005	Eric	Hoffman	LEAD DATA SCIENTIST	FINANCE	3	4
	E103	Emily	Grove	MANAGER	FINANCE	4	4
	E403	Steve	Hoffman	ASSOCIATE DATA SCIENTIST	FINANCE	3	4
	E052	Dianna	Wilson	SENIOR DATA SCIENTIST	HEALTHCARE	5	5
	E057	Dorothy	Wilson	SENIOR DATA SCIENTIST	HEALTHCARE	1	5
	E083	Patrick	Voltz	MANAGER	HEALTHCARE	5	5

Result Grid

Form Editor

Field Types

Limit to 1000 rows

```
1 • SELECT EMP_ID, FIRST_NAME, LAST_NAME, EXP, RANK() OVER(ORDER BY EXP) EXP_RANK FROM emp_record_table;
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	EMP_ID	FIRST_NAME	LAST_NAME	EXP	EXP_RANK
▶	E640	Jenifer	Jhones	1	1
	E620	Katrina	Allen	2	2
	E478	David	Smith	3	3
	E532	Claire	Brennan	3	3
	E403	Steve	Hoffman	4	5
	E505	Chad	Wilson	5	6
	E052	Dianna	Wilson	6	7
	E245	Nian	Zhen	6	7
	E260	Roy	Collins	7	9
	E204	Karene	Nowak	8	10
	E057	Dorothy	Wilson	9	11

Result 8 x


Read Only

Output

Action Output


```
1 • SELECT *FROM employees_in_various_countries;
```

Result Grid



Filter Rows:

Export:


Wrap Cell Content:


	EMP_ID	FIRST_NAME	LAST_NAME	COUNTRY	SALARY
▶	E001	Arthur	Black	USA	16500
	E005	Eric	Hoffman	USA	8500
	E010	William	Butler	FRANCE	9000
	E057	Dorothy	Wilson	USA	7700
	E083	Patrick	Voltz	USA	9500
	E103	Emily	Grove	CANADA	10500
	E204	Karene	Nowak	GERMANY	7500
	E245	Nian	Zhen	CHINA	6500
	E260	Roy	Collins	INDIA	7000
	E428	Pete	Allen	GERMANY	11000
	E583	Janet	Hale	COLOMBIA	10000

Result
Grid

Form
Editor

Field Types

 Read Only

Output

Action Output

#	Time	Action
---	------	--------

Message

Limit to 1000 rows

```
1 • SELECT EMP_ID, FIRST_NAME, LAST_NAME, EXP FROM emp_record_table
2 WHERE EMP_ID IN(SELECT manager_id FROM emp_record_table);
3
4
5
6
7
```

Result Grid Filter Rows: Export: Wrap Cell Content:

EMP_ID	FIRST_NAME	LAST_NAME	EXP
E001	Arthur	Black	20
E083	Patrick	Voltz	15
E103	Emily	Grove	14
E428	Pete	Allen	14
E583	Janet	Hale	14
E612	Tracy	Norris	13

Result Grid

Form Editor

Field Types

emp_record_table 10 x

Read Only

Output

Limit to 1000 rows

```
1 DELIMITER &&
2 CREATE PROCEDURE get_experience_details()
3 BEGIN
4 SELECT EMP_ID, FIRST_NAME, LAST_NAME, EXP FROM emp_record_table WHERE EXP>3;
5 END &&
6 CALL get_experience_details();
7
```

Result Grid Filter Rows: Export: Wrap Cell Content: [IA](#)

EMP_ID	FIRST_NAME	LAST_NAME	EXP
E001	Arthur	Black	20
E005	Eric	Hoffman	11
E010	William	Butler	12
E052	Dianna	Wilson	6
E057	Dorothy	Wilson	9
E083	Patrick	Voltz	15
E103	Emily	Grove	14
E204	Karene	Nowak	8
E245	Nian	Zhen	6
E260	Roy	Collins	7
E403	Steve	Hoffman	4

Result 11 Read Only

Query 1

Limit to 5000 rows

```

1 SELECT e.EMP_ID,e.FIRST_NAME,e.LAST_NAME,e.ROLE,
2 e.EXP,COUNT(e.EMP_ID) as "EMP_COUNT"
3 FROM emp_record_table e
4 INNER JOIN emp_record_table e
5 ON e.EMP_ID = e.MANAGER_ID
6 GROUP BY e.EMP_ID
7 ORDER BY e.EMP_ID

```

Result Grid Filter Action Export Wrap Cell Contents

	EMP_ID	FIRST_NAME	LAST_NAME	ROLE	EXP	EMP_COUNT
▶	E001	Arthur	Black	PRESIDENT	20	3
	E083	Patrick	Voltz	MANAGER	15	3
	E107	Emily	Grove	MANAGER	14	2
	E428	Pete	Allen	MANAGER	14	3
	E583	Janet	Hale	MANAGER	14	3
	E612	Tracy	Norris	MANAGER	13	2

Limit to 1000 rows

```
1 • SELECT EMP_ID, FIRST_NAME, LAST_NAME, SALARY, COUNTRY, CONTINENT,  
2 AVG(salary)OVER(PARTITION BY COUNTRY)AVG_salary_IN_COUNTRY,  
3 AVG(salary)OVER(PARTITION BY CONTINENT)AVG_salary_IN_CONTINENT,  
4 COUNT(*)OVER(PARTITION BY COUNTRY)COUNT_IN_COUNTRY,  
5 COUNT(*)OVER(PARTITION BY CONTINENT)COUNT_IN_CONTINENT  
6 FROM emp_record_table;  
7
```

Result Grid Filter Rows: Export: Wrap Cell Content: FA

	EMP_ID	FIRST_NAME	LAST_NAME	SALARY	COUNTRY	CONTINENT	AVG_salary_IN_COUNTRY	AVG_salary_IN_CONTINENT
▶	E245	Nian	Zhen	6500	CHINA	ASIA	6500.0000	6250.0000
	E260	Roy	Collins	7000	INDIA	ASIA	6166.6667	6250.0000
	E612	Tracy	Norris	8500	INDIA	ASIA	6166.6667	6250.0000
	E620	Katrina	Allen	3000	INDIA	ASIA	6166.6667	6250.0000
	E010	William	Butler	9000	FRANCE	EUROPE	9000.0000	7950.0000
	E204	Karene	Nowak	7500	GERMANY	EUROPE	7600.0000	7950.0000
	E428	Pete	Allen	11000	GERMANY	EUROPE	7600.0000	7950.0000
	E532	Claire	Brennan	4300	GERMANY	EUROPE	7600.0000	7950.0000
	E052	Dianna	Wilson	5500	CANADA	NORTH AMERICA	7000.0000	8525.0000
	E103	Emily	Grove	10500	CANADA	NORTH AMERICA	7000.0000	8525.0000




Result 13 x

Read Only

Query 1 x



```
1 • SELECT EMP_ID, FIRST_NAME, LAST_NAME, ROLE, MAX(SALARY), MIN(SALARY)
2 FROM emp_record_table
3 WHERE ROLE IN("PRESIDENT","LEAD DATA SCIENTIST","SENIOR DATA SCIENTIST","MANAGER","ASSOCIATE DATA SCIENTIST","JUNIOR DATA SCIENTIST")
4 GROUP BY ROLE;
5
```

Result Grid  Filter Rows: Export:  Wrap Cell Content: 

EMP_ID	FIRST_NAME	LAST_NAME	ROLE	MAX(SALARY)	MIN(SALARY)
E001	Arthur	Black	PRESIDENT	16500	16500
E005	Eric	Hoffman	LEAD DATA SCIENTIST	9000	8500
E052	Dianna	Wilson	SENIOR DATA SCIENTIST	7700	5500
E083	Patrick	Voltz	MANAGER	11000	8500
E403	Steve	Hoffman	ASSOCIATE DATA SCIENTIST	5000	4000
E620	Katrina	Allen	JUNIOR DATA SCIENTIST	3000	2800

