

```

USE EMPLOYEE;

SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;

SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;

SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;

SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";

SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em

SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"

UNION

SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";

SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.DEPT,m.EMP_RATING,max(m.EMP_RATING)

OVER (PARTITION BY m.DEPT)

AS "MAX_DEPT_RATING"

FROM EMPLOYEE.emp_record_table m

ORDER BY DEPT;

SELECT EMP_ID, FRIST_NAME, LAST_NAME, ROLE, MAX(SALARY), MIN(SALARY)

FROM EMPLOYEE.emp_record_table

WHERE ROLE IN ("PRESIDENT","LEAD DATA SCIENTIST","SENIOR DATA SCIENTIST","MANAGER","ASSOCIATE DATA SCIENTIST","JUNIOR DATA SCIENTIST") GROUP

SELECT EMP_ID, FRIST_NAME, LAST_NAME, RANK() OVER (ORDER BY EXP)EXP_RANK FROM employee.emp_record_table;

CREATE VIEW EMPLOYEES_IN_VARIOUS_COUNTRY AS

SELECT EMP_ID, FRIST_NAME, LAST_NAME, COUNTRY, SALARY FROM employee.emp_record_table WHERE SALARY > 6000;

SELECT * FROM EMPLOYEES_IN_VARIOUS_COUNTRY;

SELECT EMP_ID, FRIST_NAME, LAST_NAME, EXP, MANAGER_ID FROM employee.emp_record_table

WHERE EXP>10;

DELIMITER &&

CREATE PROCEDURE GET_EXPERIENCE_DETAILS()

BEGIN

SELECT EMP_ID,FRIST_NAME,LAST_NAME,EXP FROM EMPLOYEE.EMP_RECORD_TABLE WHERE EXP>3;

END&&

CALL GET_EXPERIENCE_DETAILS();

```

```
29 CALL GET_EXPERIENCE_DETAILS();
30 DELIMITER &&
31 CREATE FUNCTION EMPLOYEE_ROLE(
32     EXP INT
33 )
34 RETURNS VARCHAR(45)
35 DETERMINISTIC
36 BEGIN
37     DECLARE EMPLOYEE_ROLE VARCHAR(45);
38     IF EXP > 12 AND 16 THEN
39         SET EMPLOYEE_ROLE = "MANAGER";
40     ELSEIF EXP > 10 AND 12 THEN
41         SET EMPLOYEE_ROLE = "LEAD DATA SCIENTIST";
42     ELSEIF EXP > 5 AND 10 THEN
43         SET EMPLOYEE_ROLE = "SENIOR DATA SCIENTIST";
44     ELSEIF EXP > 2 AND 5 THEN
45         SET EMPLOYEE_ROLE = "ASSOCIATE DATA SCIENTIST";
46     ELSEIF EXP <= 2 THEN
47         SET EMPLOYEE_ROLE = "JUNIOR DATA SCIENTIST";
48     END IF;
49     RETURN (EMPLOYEE_ROLE);
50 END &&
51 SELECT EXP, EMPLOYEE_ROLE(EXP)
52 FROM DATA_SCIENCE_TEAM;
53 CREATE INDEX IDX_FRIST_NAME
54 ON EMP_RECORD_TABLE (FRIST_NAME(20));
55 SELECT * FROM EMP_RECORD_TABLE
56 WHERE FRIST_NAME = "ERIC"
57 UPDATE EMP_RECORD_TABLE SET SALARY = (SELECT SALARY + (SELECT SALARY * 0.05 * EMP_RATING))
```

```
38 IF EXP>12 AND 16 THEN
39 SET EMPLOYEE_ROLE="MANAGER";
40 ELSEIF EXP >10 AND 12 THEN
41 SET EMPLOYEE_ROLE="LEAD DATA SCIENTIST";
42 ELSEIF EXP>5 AND 10 THEN
43 SET EMPLOYEE_ROLE="SENIOR DATA SCIENTIST";
44 ELSEIF EXP>2 AND 5 THEN
45 SET EMPLOYEE_ROLE="ASSOCIATE DATA SCIENTIST";
46 ELSEIF EXP<=2 THEN
47 SET EMPLOYEE_ROLE="JUNIOR DATA SCIENTIST";
48 END IF;
49 RETURN (EMPLOYEE_ROLE);
50 END&&
51 • SELECT EXP,EMPLOYEE_ROLE(EXP)
52 FROM DATA_SCIENCE_TEAM;
53 CREATE INDEX IDX_FRIST_NAME
54 ON EMP_RECORD_TABLE(FRIST_NAME(20));
55 SELECT * FROM EMP_RECORD_TABLE
56 WHERE FRIST_NAME="ERIC"
57 UPDATE EMP_RECORD_TABLE SET SALARY=(SELECT SALARY+(SELECT SALARY*0.05*EMP_RATING))
58 SELECT * FROM emp_record_table;
59 SELECT EMP_ID,FRIST_NAME,LAST_NAME,SALARY,COUNTRY,CONTINENT,
60 AVG(salary)OVER(PARTITION BY COUNTRY)AVG_salary_IN_COUNTRY,
61 AVG(salary)OVER(PARTITION BY CONTINENT)AVG_salary_IN_CONTINENT,
62 COUNT(*)OVER(PARTITION BY COUNTRY)COUNT_IN_COUNTRY,
63 COUNT(*)OVER(PARTITION BY CONTINENT)COUNT_IN_CONTINENT FROM emp_record_table;
64
65
```

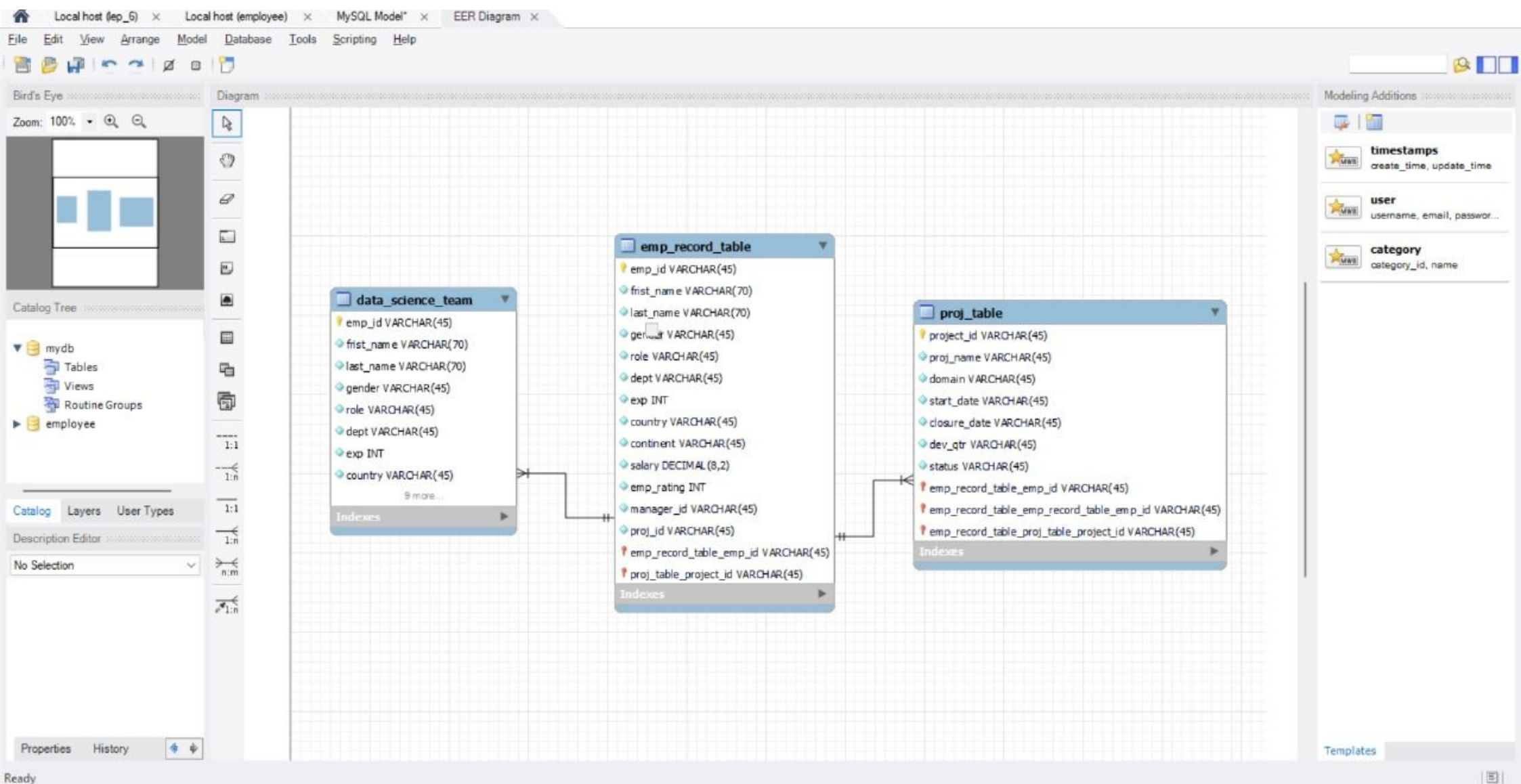


```

1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
    
```

	EMP_ID	FRIST_NAME	LAST_NAME	GENDER	DEPT
▶	E005	Eric	Hoffman	M	FINANCE
	E010	William	Butler	M	AUTOMOTIVE
	E052	Dianna	Wilson	F	HEALTHCARE
	E057	Dorothy	Wilson	F	HEALTHCARE
	E204	Karene	Nowak	F	AUTOMOTIVE
	E245	Nian	Zhen	M	RETAIL
	E260	Roy	Collins	M	RETAIL
	E403	Steve	Hoffman	M	FINANCE
	E478	David	Smith	M	RETAIL
	E505	Chad	Wilson	M	HEALTHCARE
	E532	Claire	Brennan	F	AUTOMOTIVE

Result Grid
 Form Editor
 Field Types



Query 1

EMPLOYEE x

Limit to 1000 rows

```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: IA

	EMP_ID	FRIST_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
•	HULL	HULL	HULL	HULL	HULL	HULL

Result Grid

Form Editor

Field Types

emp_record_table 1

emp_record_table 2 x

emp_record_table 3

Result 4

Result 5

Result 6

Result 7

Result 8

Result 9

EMPLOYEES_IN_VAR1

Apply

Revert


```

1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
    
```

	EMP_ID	FRIST_NAME	LAST_NAME	GENDER	DEPT	EMP_RATING
▶	E052	Dianna	Wilson	F	HEALTHCARE	5
	E204	Karene	Nowak	F	AUTOMOTIVE	5
•	NULL	NULL	NULL	NULL	NULL	NULL

```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,'',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	NAME
▶	EricHoffman
	SteveHoffman


```
1 • USE EMPLOYEE;  
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;  
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;  
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;  
5 • SELECT CONCAT(FRIST_NAME,'',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";  
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em  
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"  
8 • UNION  
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";  
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	EMP_ID	FRIST_NAME	LAST_NAME	GENDER	DEPT
▶	E052	Dianna	Wilson	F	HEALTHCARE
	E057	Dorothy	Wilson	F	HEALTHCARE
	E505	Chad	Wilson	M	HEALTHCARE
	E005	Eric	Hoffman	M	FINANCE
	E403	Steve	Hoffman	M	FINANCE

```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	EMP_ID	FRIST_NAME	LAST_NAME	ROLE	DEPT	EMP_RATING	MAX_DEPT_RATING
▶	E010	William	Butler	LEAD DATA SCIENTIST	AUTOMOTIVE	2	5
	E204	Karene	Nowak	SENIOR DATA SCIENTIST	AUTOMOTIVE	5	5
	E532	Claire	Brennan	ASSOCIATE DATA SCIENTIST	AUTOMOTIVE	1	5
	E005	Eric	Hoffman	LEAD DATA SCIENTIST	FINANCE	3	3
	E403	Steve	Hoffman	ASSOCIATE DATA SCIENTIST	FINANCE	3	3
	E052	Dianna	Wilson	SENIOR DATA SCIENTIST	HEALTHCARE	5	5
	E057	Dorothy	Wilson	SENIOR DATA SCIENTIST	HEALTHCARE	1	5
	E505	Chad	Wilson	ASSOCIATE DATA SCIENTIST	HEALTHCARE	2	5
	E245	Nian	Zhen	SENIOR DATA SCIENTIST	RETAIL	2	4
	E260	Roy	Collins	SENIOR DATA SCIENTIST	RETAIL	3	4
	E478	David	Smith	ASSOCIATE DATA SCIENTIST	RETAIL	4	4

Result Grid

Form Editor

Field Types

```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	EMP_ID	FRIST_NAME	LAST_NAME	ROLE	MAX(SALARY)	MIN(SALARY)
▶	E005	Eric	Hoffman	LEAD DATA SCIENTIST	8500.00	8500.00
	E010	William	Butler	LEAD DATA SCIENTIST	9000.00	9000.00
	E052	Dianna	Wilson	SENIOR DATA SCIENTIST	5500.00	5500.00
	E057	Dorothy	Wilson	SENIOR DATA SCIENTIST	7700.00	7700.00
	E204	Karene	Nowak	SENIOR DATA SCIENTIST	7500.00	7500.00
	E245	Nian	Zhen	SENIOR DATA SCIENTIST	6500.00	6500.00
	E260	Roy	Collins	SENIOR DATA SCIENTIST	7000.00	7000.00
	E403	Steve	Hoffman	ASSOCIATE DATA SCIENTIST	5000.00	5000.00
	E478	David	Smith	ASSOCIATE DATA SCIENTIST	4000.00	4000.00
	E505	Chad	Wilson	ASSOCIATE DATA SCIENTIST	5000.00	5000.00
	E532	Claire	Brennan	ASSOCIATE DATA SCIENTIST	4300.00	4300.00

Result Grid

Form Editor

Field Types



```

1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.EMPLOYEE m ON m.EMP_ID=e.EMP_ID;
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE";
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)

```

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

	EMP_ID	FRIST_NAME	LAST_NAME	EXP_RANK
▶	E640	Jenifer	Jhones	1
	E005	Eric	Hoffman	2
	E010	William	Butler	3
	E620	Katrina	Allen	4
	E478	David	Smith	5
	E532	Claire	Brennan	5
	E403	Steve	Hoffman	7
	E505	Chad	Wilson	8
	E052	Dianna	Wilson	9
	E245	Nian	Zhen	9
	E260	Roy	Collins	11

emp_record_table 1	emp_record_table 2	emp_record_table 3	Result 4	Result 5	Result 6	Result 7	Result 8	Result 9	×	EMPLOYEES IN VAR1	Read Only
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```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,'',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 • UNION
9 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	EMP_ID	FRIST_NAME	LAST_NAME	COUNTRY	SALARY
▶	E005	Eric	Hoffman	USA	8500.00
	E010	William	Butler	FRANCE	9000.00
	E057	Dorothy	Wilson	USA	7700.00
	E204	Karene	Nowak	GERMANY	7500.00
	E245	Nian	Zhen	CHINA	6500.00
	E260	Roy	Collins	INDIA	7000.00

Result Grid

Form Editor

Field Types

```
1 • USE EMPLOYEE;
2 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table;
3 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING<2;
4 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT,EMP_RATING FROM EMPLOYEE.emp_record_table WHERE EMP_RATING>4;
5 • SELECT CONCAT(FRIST_NAME,' ',LAST_NAME) AS NAME FROM emp_record_table WHERE DEPT = "FINANCE";
6 • SELECT m.EMP_ID,m.FRIST_NAME,m.LAST_NAME,m.ROLE,m.EXP,COUNT(e.EMP_ID) as "EMP_COUNT" FROM EMPLOYEE.emp_record_table m INNER JOIN EMPLOYEE.em
7 • SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="HEALTHCARE"
8 UNION
9 SELECT EMP_ID, FRIST_NAME, LAST_NAME, GENDER,DEPT FROM EMPLOYEE.emp_record_table WHERE DEPT="FINANCE";
10 • SELECT m.EMP ID,m.FRIST NAME,m.LAST NAME,m.ROLE,m.DEPT,m.EMP RATING,max(m.EMP RATING)
```

	EMP_ID	FRIST_NAME	LAST_NAME	EXP	MANAGER_ID
▶	E005	Eric	Hoffman	11	E103
	E010	William	Butler	12	E428
•	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Limit to 1000 rows

```
51 • SELECT EXP,EMPLOYEE_ROLE(EXP)
52 FROM DATA_SCIENCE_TEAM;
53 CREATE INDEX IDX_FRIST_NAME
54 ON EMP_RECORD_TABLE(FRIST_NAME(20));
55 SELECT * FROM EMP_RECORD_TABLE
56 WHERE FRIST_NAME="ERIC"
57 UPDATE EMP_RECORD_TABLE SET SALARY=(SELECT SALARY+(SELECT SALARY*0.05*EMP_RATING))
58 SELECT * FROM emp_record_table;
59 SELECT EMP_ID,FRIST_NAME,LAST_NAME,SALARY,COUNTRY,CONTINENT,
60 AVG(salary)OVER(PARTITION BY COUNTRY)AVG salary IN COUNTRY,
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	EMP_ID	FRIST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_ID	PRO	
▶	E005	Eric	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	9775.00	3	E103	P105
	E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9900.00	2	E428	P204	
	E052	Dianna	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	6	CANADA	NORTH AMERICA	6875.00	5	E083	P103	
	E057	Dorothy	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	9	USA	NORTH AMERICA	8085.00	1	E083	P302	
	E204	Karene	Nowak	F	SENIOR DATA SCIENTIST	AUTOMOTIVE	8	GERMANY	EUROPE	9375.00	5	E428	P204	
	E245	Nian	Zhen	M	SENIOR DATA SCIENTIST	RETAIL	6	CHINA	ASIA	7150.00	2	E583	P109	
	E260	Roy	Collins	M	SENIOR DATA SCIENTIST	RETAIL	7	INDIA	ASIA	8050.00	3	E583	NA	
	E403	Steve	Hoffman	M	ASSOCIATE DATA SCIENTIST	FINANCE	4	USA	NORTH AMERICA	5750.00	3	E103	P105	
	E478	David	Smith	M	ASSOCIATE DATA SCIENTIST	RETAIL	3	COLOMBIA	SOUTH AMERICA	4800.00	4	E583	P109	
	E505	Chad	Wilson	M	ASSOCIATE DATA SCIENTIST	HEALTHCARE	5	CANADA	NORTH AMERICA	5500.00	2	E083	P103	

emp_record_table 13 x

Apply Revert

Result Grid

Form Editor

Field Types

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56 WHERE FRIST_NAME="FRT"
57 UP
58 SELECT * FROM emp_record_table;
59 SELECT EMP_ID,FRIST_NAME, LAST_NAME, SALARY, COUNTRY, CONTINENT,
60 AVG(salary)OVER(PARTITION BY COUNTRY)AVG_salary_IN_COUNTRY,
61 AVG(salary)OVER(PARTITION BY CONTINENT)AVG_salary_IN_CONTINENT,
62 COUNT(*)OVER(PARTITION BY COUNTRY)COUNT_IN_COUNTRY,
63 COUNT(*)OVER(PARTITION BY CONTINENT)COUNT_IN_CONTINENT FROM emp_record_table;
64
65
```

	EMP_ID	FRIST_NAME	LAST_NAME	SALARY	COUNTRY	CONTINENT	AVG_salary_IN_COUNTRY	AVG_salary_IN_CONTINENT	COUNT_IN_COUNTRY	COUNT_IN_CONTINENT
▶	E245	Nian	Zhen	7150.00	CHINA	ASIA	7150.000000	6116.666667	1	3
	E260	Roy	Collins	8050.00	INDIA	ASIA	5600.000000	6116.666667	2	3
	E620	Katrina	Allen	3150.00	INDIA	ASIA	5600.000000	6116.666667	2	3
	E010	William	Butler	9900.00	FRANCE	EUROPE	9900.000000	7930.000000	1	3
	E204	Karene	Nowak	9375.00	GERMANY	EUROPE	6945.000000	7930.000000	2	3
	E532	Claire	Brennan	4515.00	GERMANY	EUROPE	6945.000000	7930.000000	2	3
	E052	Dianna	Wilson	6875.00	CANADA	NORTH AMERICA	6187.500000	7197.000000	2	5
	E505	Chad	Wilson	5500.00	CANADA	NORTH AMERICA	6187.500000	7197.000000	2	5
	E005	Eric	Hoffman	9775.00	USA	NORTH AMERICA	7870.000000	7197.000000	3	5
	E057	Dorothy	Wilson	8085.00	USA	NORTH AMERICA	7870.000000	7197.000000	3	5
	-	-	-	-	-	-	-	-	-	-

Result Grid

Form Editor

Field Types