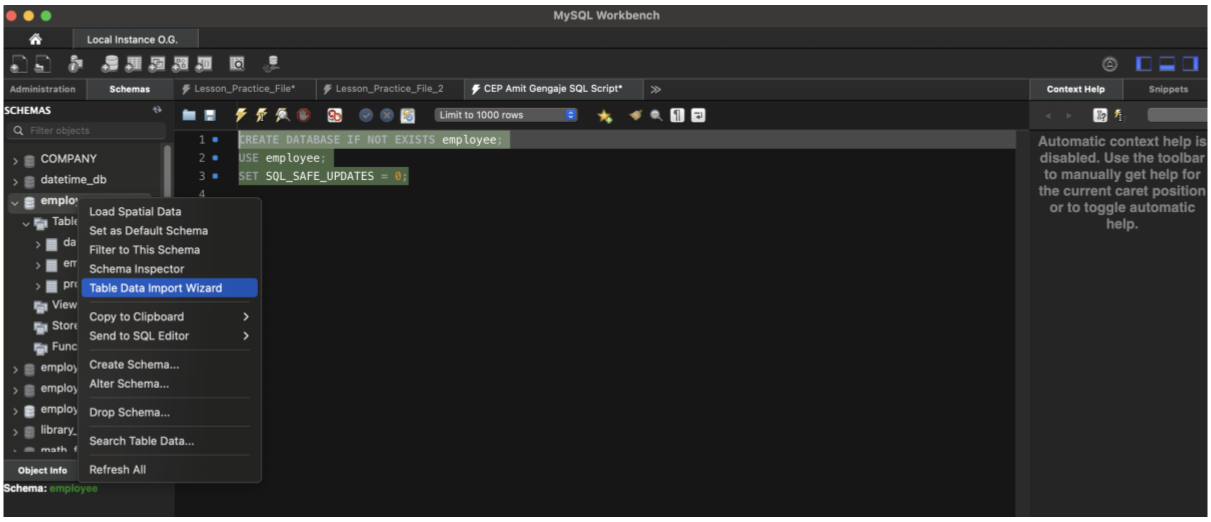
1. Input SQL Queries:

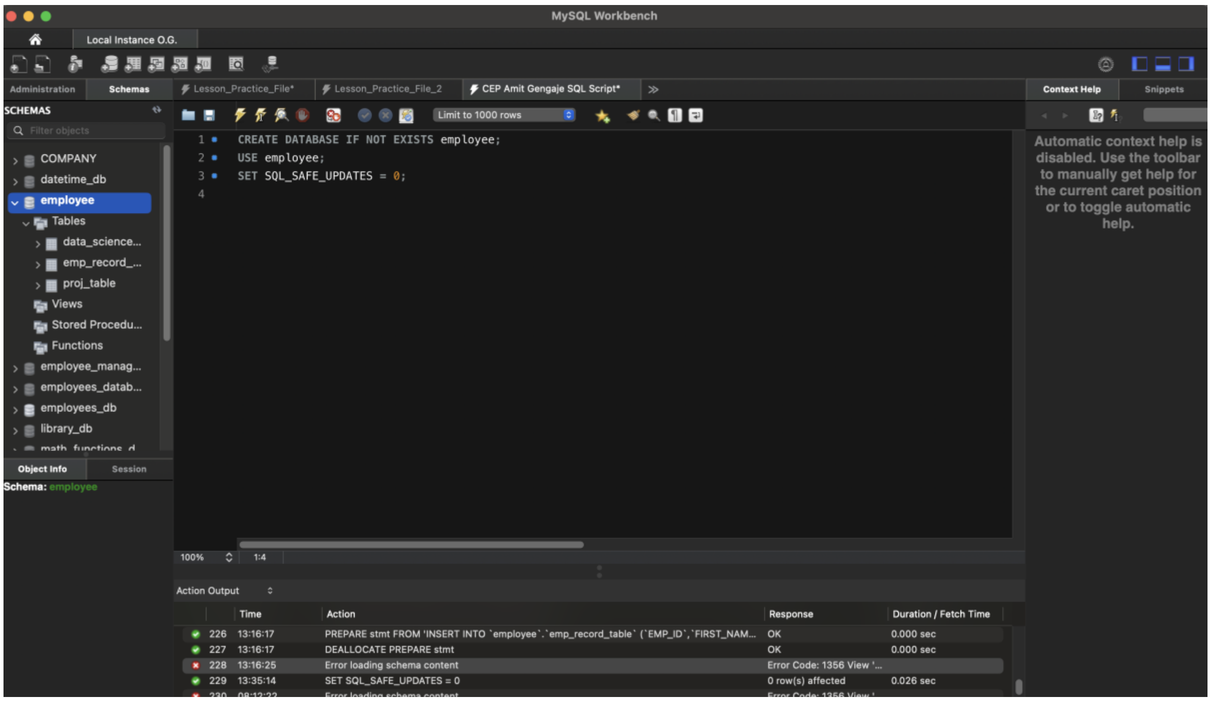
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;

Used the Table Data Import Wizard to import the three CEP dataset CSV files as tables “data_science_team”, “emp_record_table” and “proj_table”

Output:



```
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;
```



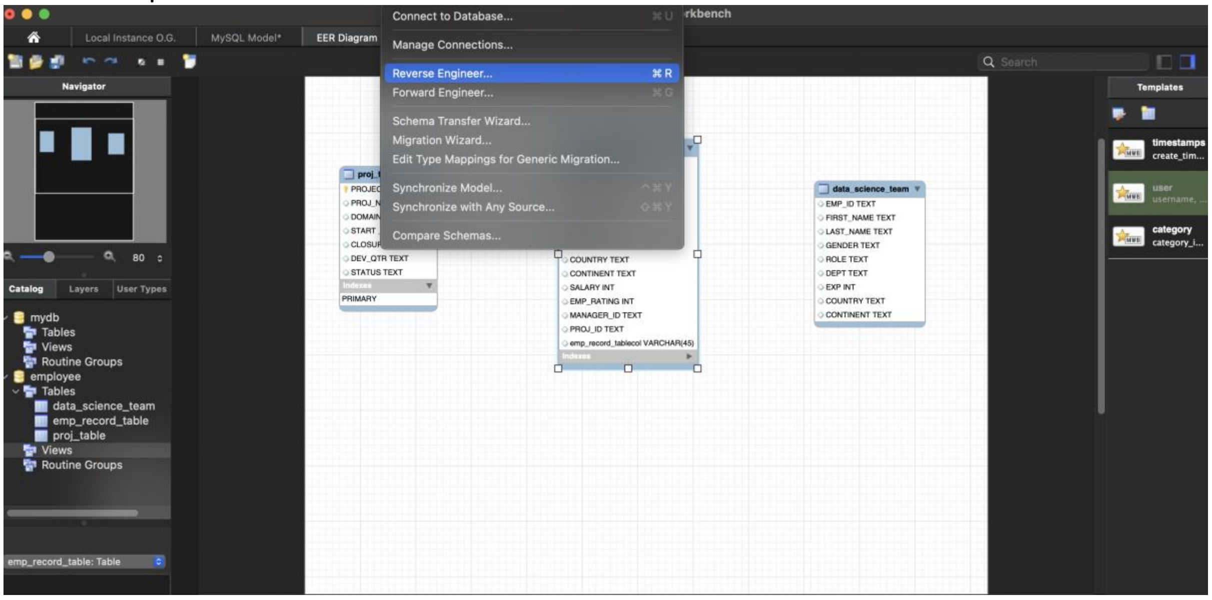
```
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;
```

```
     Time      Action                                                                     Response                Duration / Fetch Time
226  13:16:17  PREPARE stmt FROM 'INSERT INTO `employee`.`emp_record_table` (`EMP_ID`,`FIRST_NAM...  OK      0.000 sec
227  13:16:17  DEALLOCATE PREPARE stmt                                                    OK                      0.000 sec
228  13:16:25  Error loading schema content                                               Error Code: 1356 View '...
229  13:35:14  SET SQL_SAFE_UPDATES = 0                                                   0 row(s) affected       0.026 sec
230  08:12:22  Error loading schema content                                               Error Code: 1356 View '
```

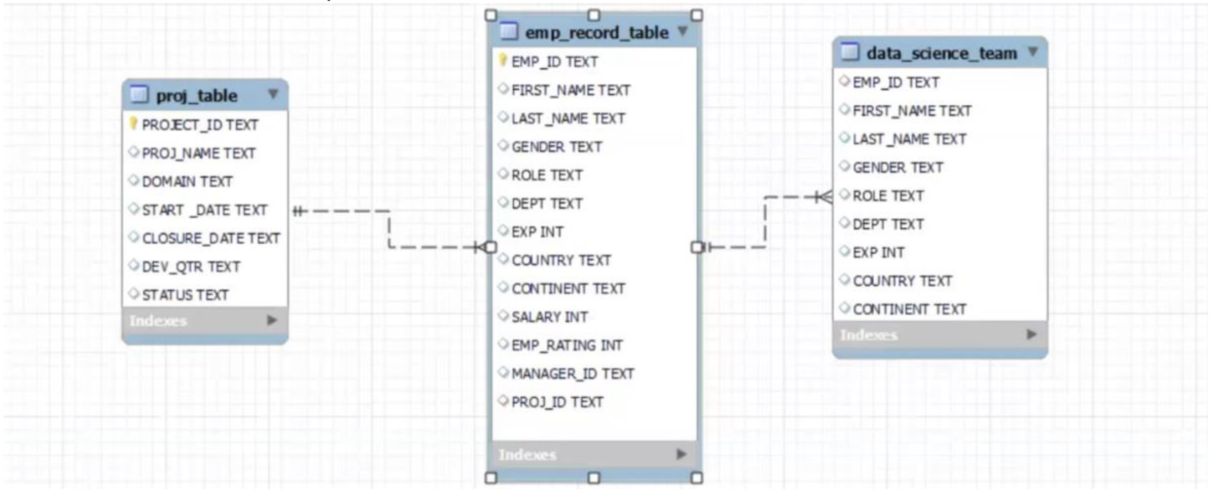
2. Input SQL Action:

Database tab -> Reverse Engineer DB -> Select Schemas (Chose schema created above) -> kept clicking next

Output:



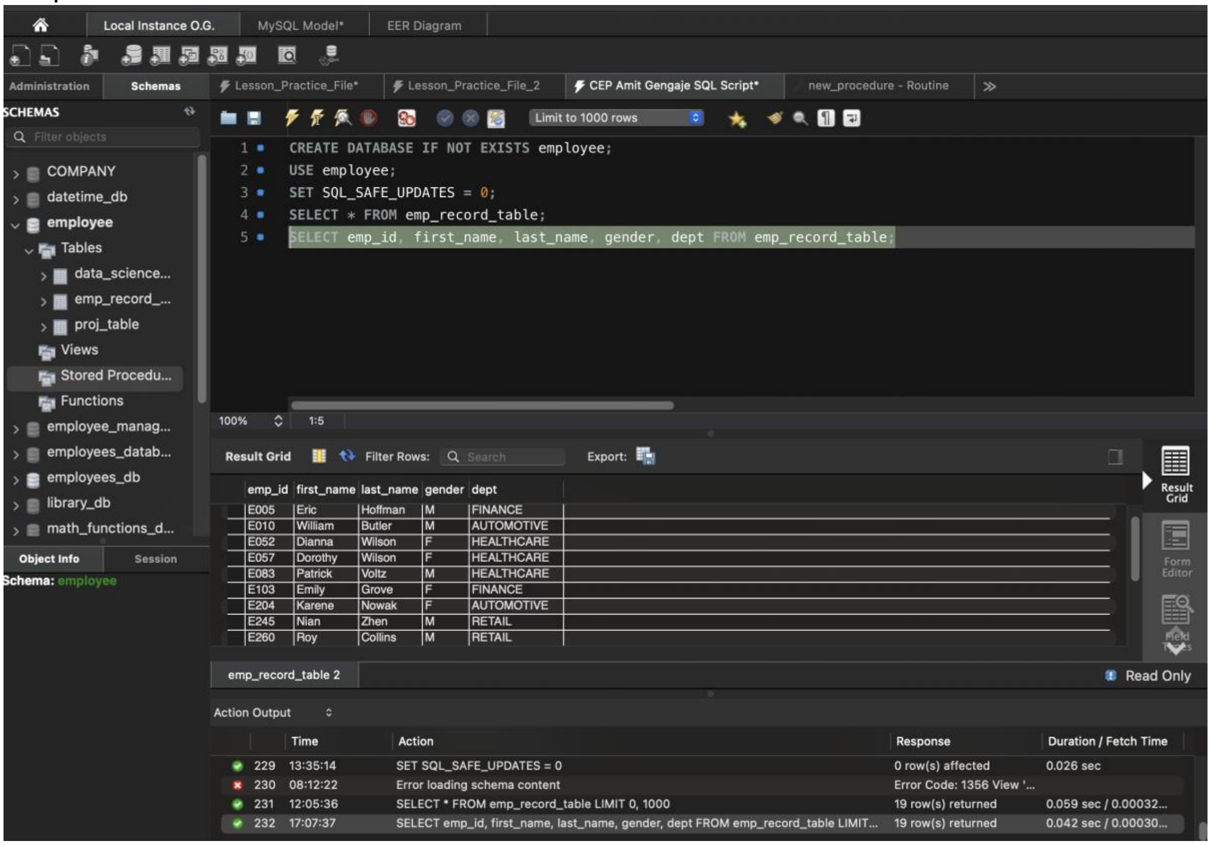
ER DIAGRAM Relationships Zoomed View:



3. Input SQL Query:

   SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table;

   Output:

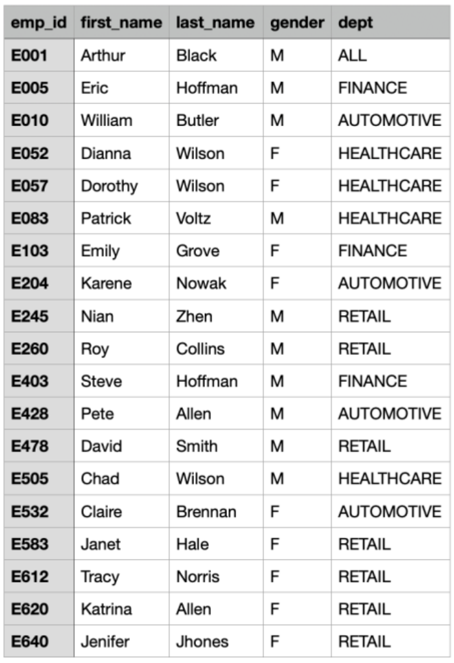


```
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;
SELECT * FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table;
```

emp_id	first_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
E083	Patrick	Voltz	M	HEALTHCARE
E103	Emily	Grove	F	FINANCE
E204	Karene	Nowak	F	AUTOMOTIVE
E245	Nian	Zhen	M	RETAIL
E260	Roy	Collins	M	RETAIL

	Time	Action	Response	Duration / Fetch Time
229	13:35:14	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.026 sec
230	08:12:22	Error loading schema content	Error Code: 1356 View '...	
231	12:05:36	SELECT * FROM emp_record_table LIMIT 0, 1000	19 row(s) returned	0.059 sec / 0.00032...
232	17:07:37	SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table LIMIT...	19 row(s) returned	0.042 sec / 0.00030...

Result Grid Zoom:

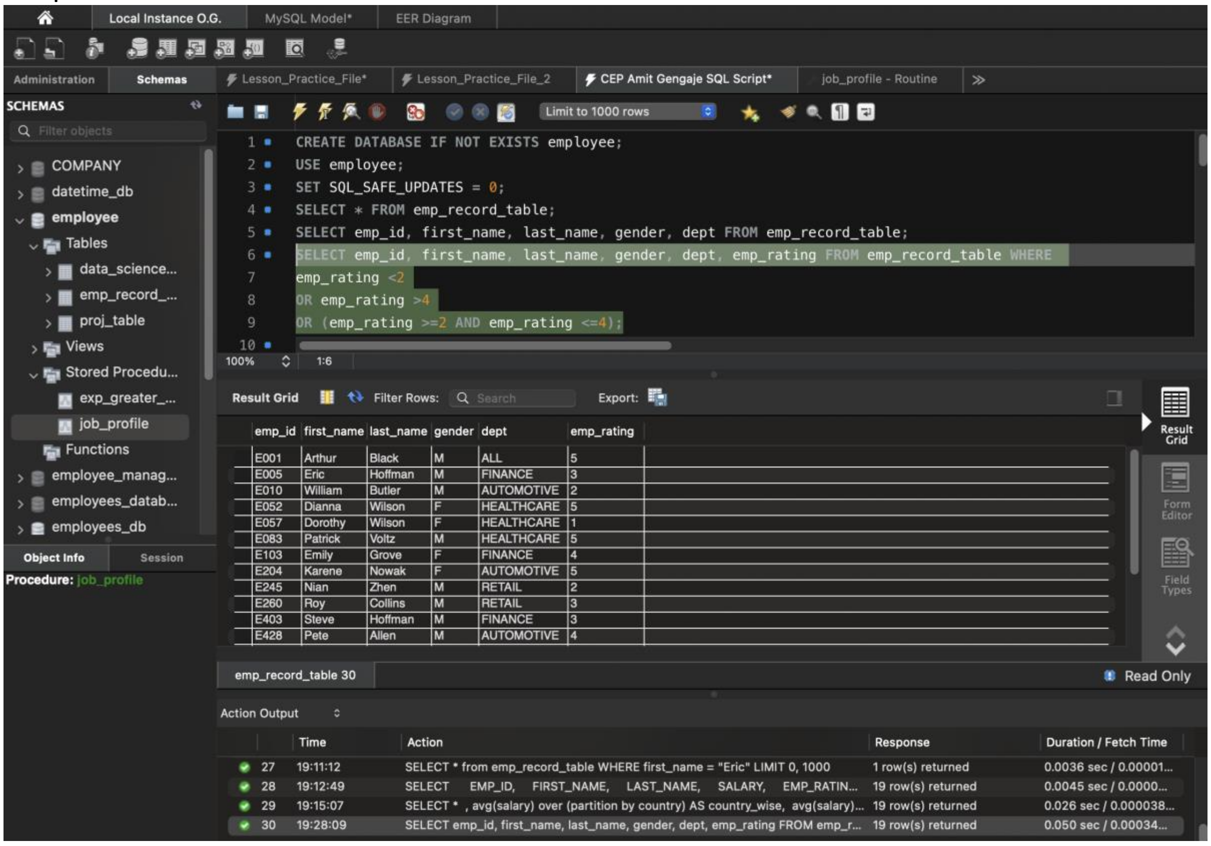


emp_id	first_name	last_name	gender	dept
E001	Arthur	Black	M	ALL
E005	Eric	Hoffman	M	FINANCE
E010	William	Butler	M	AUTOMOTIVE
E052	Dianna	Wilson	F	HEALTHCARE
E057	Dorothy	Wilson	F	HEALTHCARE
E083	Patrick	Voltz	M	HEALTHCARE
E103	Emily	Grove	F	FINANCE
E204	Karene	Nowak	F	AUTOMOTIVE
E245	Nian	Zhen	M	RETAIL
E260	Roy	Collins	M	RETAIL
E403	Steve	Hoffman	M	FINANCE
E428	Pete	Allen	M	AUTOMOTIVE
E478	David	Smith	M	RETAIL
E505	Chad	Wilson	M	HEALTHCARE
E532	Claire	Brennan	F	AUTOMOTIVE
E583	Janet	Hale	F	RETAIL
E612	Tracy	Norris	F	RETAIL
E620	Katrina	Allen	F	RETAIL
E640	Jenifer	Jhones	F	RETAIL

4. Input SQL Query:

   SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM
   emp_record_table WHERE
   emp_rating <2
   OR emp_rating >4
   OR (emp_rating >=2 AND emp_rating <=4);

   Output:



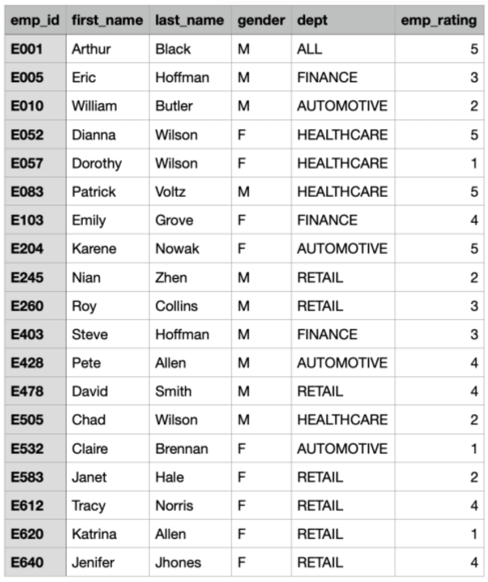
```
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;
SELECT * FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_table WHERE
emp_rating <2
OR emp_rating >4
OR (emp_rating >=2 AND emp_rating <=4);
```

```
emp_id first_name last_name gender dept        emp_rating
E001   Arthur     Black     M      ALL         5
E005   Eric       Hoffman   M      FINANCE     3
E010   William    Butler    M      AUTOMOTIVE  2
E052   Dianna     Wilson    F      HEALTHCARE  5
E057   Dorothy    Wilson    F      HEALTHCARE  1
E083   Patrick    Voltz     M      HEALTHCARE  5
E103   Emily      Grove     F      FINANCE     4
E204   Karene     Nowak     F      AUTOMOTIVE  5
E245   Nian       Zhen      M      RETAIL      2
E260   Roy        Collins   M      RETAIL      3
E403   Steve      Hoffman   M      FINANCE     3
E428   Pete       Allen     M      AUTOMOTIVE  4
```

```
emp_record_table 30                                                                Read Only

Action Output
    Time      Action                                                                       Response            Duration / Fetch Time
27  19:11:12  SELECT * from emp_record_table WHERE first_name = "Eric" LIMIT 0, 1000       1 row(s) returned   0.0036 sec / 0.00001...
28  19:12:49  SELECT   EMP_ID,   FIRST_NAME,   LAST_NAME,   SALARY,   EMP_RATIN...        19 row(s) returned  0.0045 sec / 0.0000...
29  19:15:07  SELECT *  , avg(salary) over (partition by country) AS country_wise, avg(salary)...  19 row(s) returned  0.026 sec / 0.000038...
30  19:28:09  SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_r...   19 row(s) returned  0.050 sec / 0.00034...
```

   Result Grid Zoom:

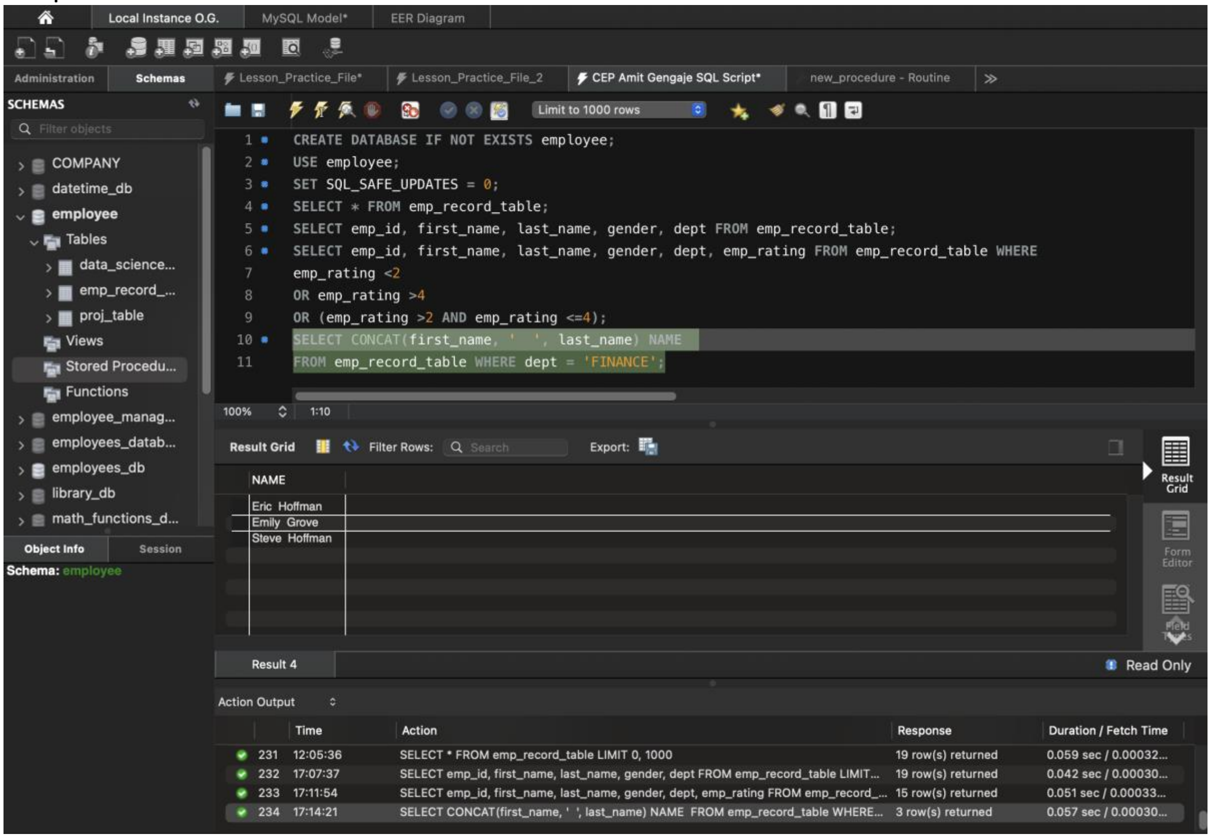


emp_id	first_name	last_name	gender	dept	emp_rating
E001	Arthur	Black	M	ALL	5
E005	Eric	Hoffman	M	FINANCE	3
E010	William	Butler	M	AUTOMOTIVE	2
E052	Dianna	Wilson	F	HEALTHCARE	5
E057	Dorothy	Wilson	F	HEALTHCARE	1
E083	Patrick	Voltz	M	HEALTHCARE	5
E103	Emily	Grove	F	FINANCE	4
E204	Karene	Nowak	F	AUTOMOTIVE	5
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
E532	Claire	Brennan	F	AUTOMOTIVE	1
E583	Janet	Hale	F	RETAIL	2
E612	Tracy	Norris	F	RETAIL	4
E620	Katrina	Allen	F	RETAIL	1
E640	Jenifer	Jhones	F	RETAIL	4

5. Input SQL Query:

   SELECT CONCAT(first_name, ' ', last_name) NAME
   FROM emp_record_table WHERE dept = 'FINANCE';

   Output:



```
CREATE DATABASE IF NOT EXISTS employee;
USE employee;
SET SQL_SAFE_UPDATES = 0;
SELECT * FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_table WHERE
emp_rating <2
OR emp_rating >4
OR (emp_rating >2 AND emp_rating <=4);
SELECT CONCAT(first_name, '  ', last_name) NAME
FROM emp_record_table WHERE dept = 'FINANCE';
```

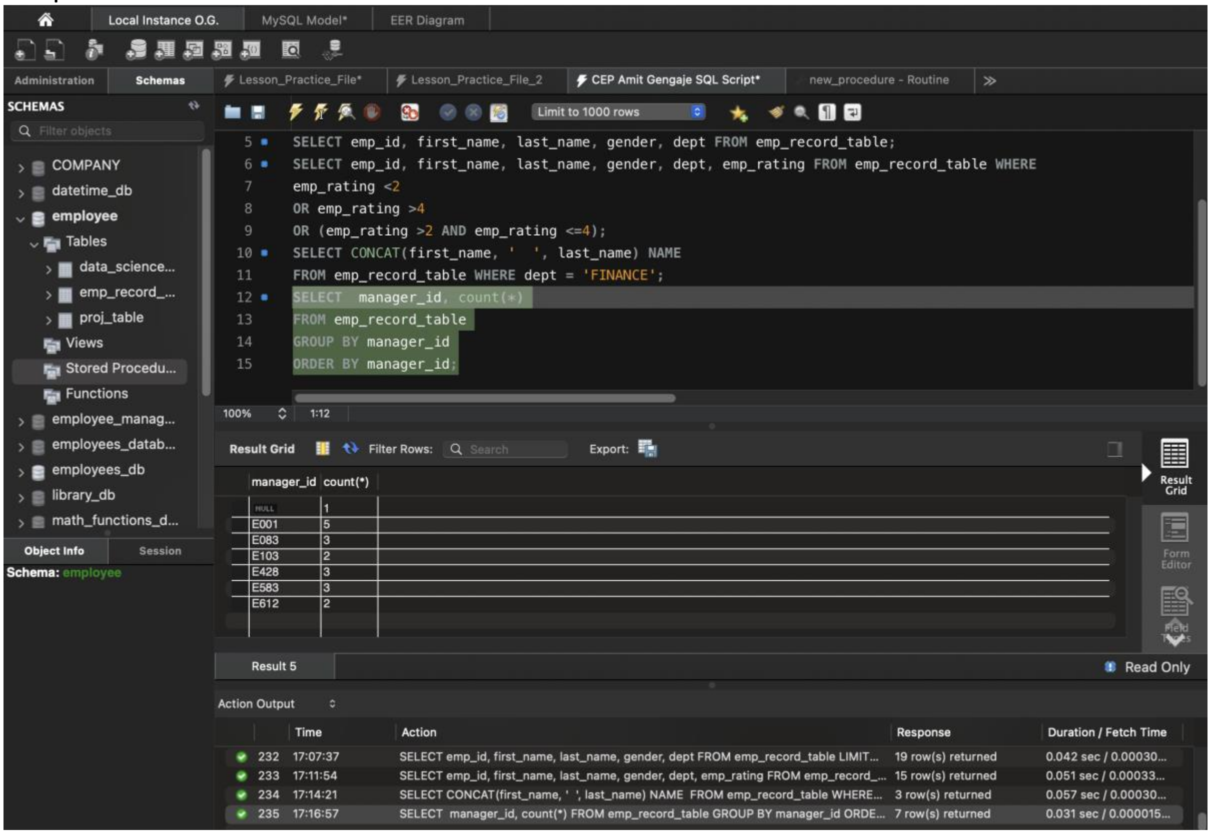
NAME
Eric Hoffman
Emily Grove
Steve Hoffman

```
Action Output
     Time      Action                                                                      Response            Duration / Fetch Time
231  12:05:36  SELECT * FROM emp_record_table LIMIT 0, 1000                                19 row(s) returned  0.059 sec / 0.00032...
232  17:07:37  SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table LIMIT...  19 row(s) returned  0.042 sec / 0.00030...
233  17:11:54  SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_...  15 row(s) returned  0.051 sec / 0.00033...
234  17:14:21  SELECT CONCAT(first_name, '  ', last_name) NAME  FROM emp_record_table WHERE...  3 row(s) returned   0.057 sec / 0.00030...
```

6. Input SQL Query:

   SELECT manager_id, count(*)
   FROM emp_record_table
   GROUP BY manager_id
   ORDER BY manager_id;

Output:



```
SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table;
SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_table WHERE
emp_rating <2
OR emp_rating >4
OR (emp_rating >2 AND emp_rating <=4);
SELECT CONCAT(first_name, '  ', last_name) NAME
FROM emp_record_table WHERE dept = 'FINANCE';
SELECT  manager_id, count(*)
FROM emp_record_table
GROUP BY manager_id
ORDER BY manager_id;
```

manager_id	count(*)
NULL	1
E001	5
E083	3
E103	2
E428	3
E583	3
E612	2

Result 5 Read Only

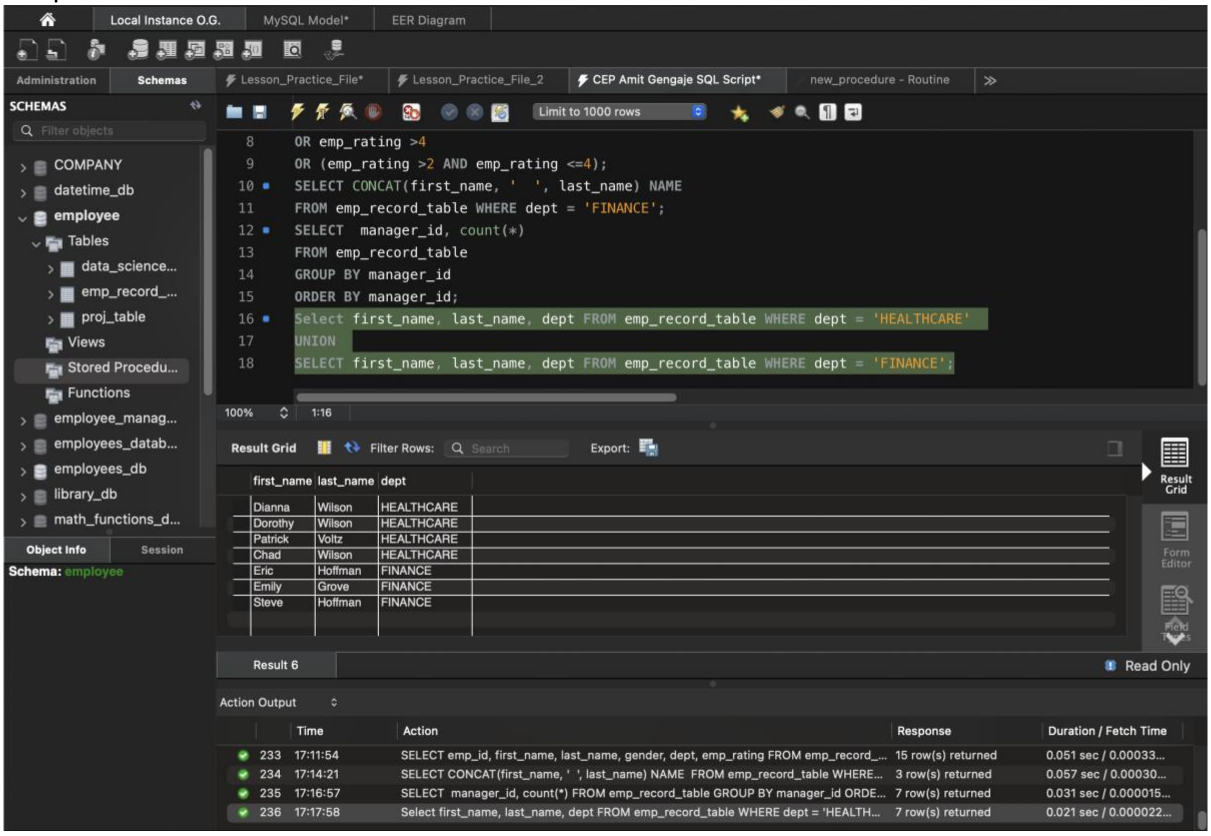
Action Output

		Time	Action	Response	Duration / Fetch Time
✓	232	17:07:37	SELECT emp_id, first_name, last_name, gender, dept FROM emp_record_table LIMIT...	19 row(s) returned	0.042 sec / 0.00030...
✓	233	17:11:54	SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_...	15 row(s) returned	0.051 sec / 0.00033...
✓	234	17:14:21	SELECT CONCAT(first_name, ' ', last_name) NAME FROM emp_record_table WHERE...	3 row(s) returned	0.057 sec / 0.00030...
✓	235	17:16:57	SELECT manager_id, count(*) FROM emp_record_table GROUP BY manager_id ORDE...	7 row(s) returned	0.031 sec / 0.000015...

7. Input SQL Query:

   Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTHCARE'
   UNION
   SELECT first_name, last_name, dept FROM emp_record_table WHERE dept = 'FINANCE';

Output:



```
OR emp_rating >4
OR (emp_rating >2 AND emp_rating <=4);
SELECT CONCAT(first_name, '  ', last_name) NAME
FROM emp_record_table WHERE dept = 'FINANCE';
SELECT  manager_id, count(*)
FROM emp_record_table
GROUP BY manager_id
ORDER BY manager_id;
Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTHCARE'
UNION
SELECT first_name, last_name, dept FROM emp_record_table WHERE dept = 'FINANCE';
```

first_name	last_name	dept
Dianna	Wilson	HEALTHCARE
Dorothy	Wilson	HEALTHCARE
Patrick	Voltz	HEALTHCARE
Chad	Wilson	HEALTHCARE
Eric	Hoffman	FINANCE
Emily	Grove	FINANCE
Steve	Hoffman	FINANCE

Result 6 Read Only

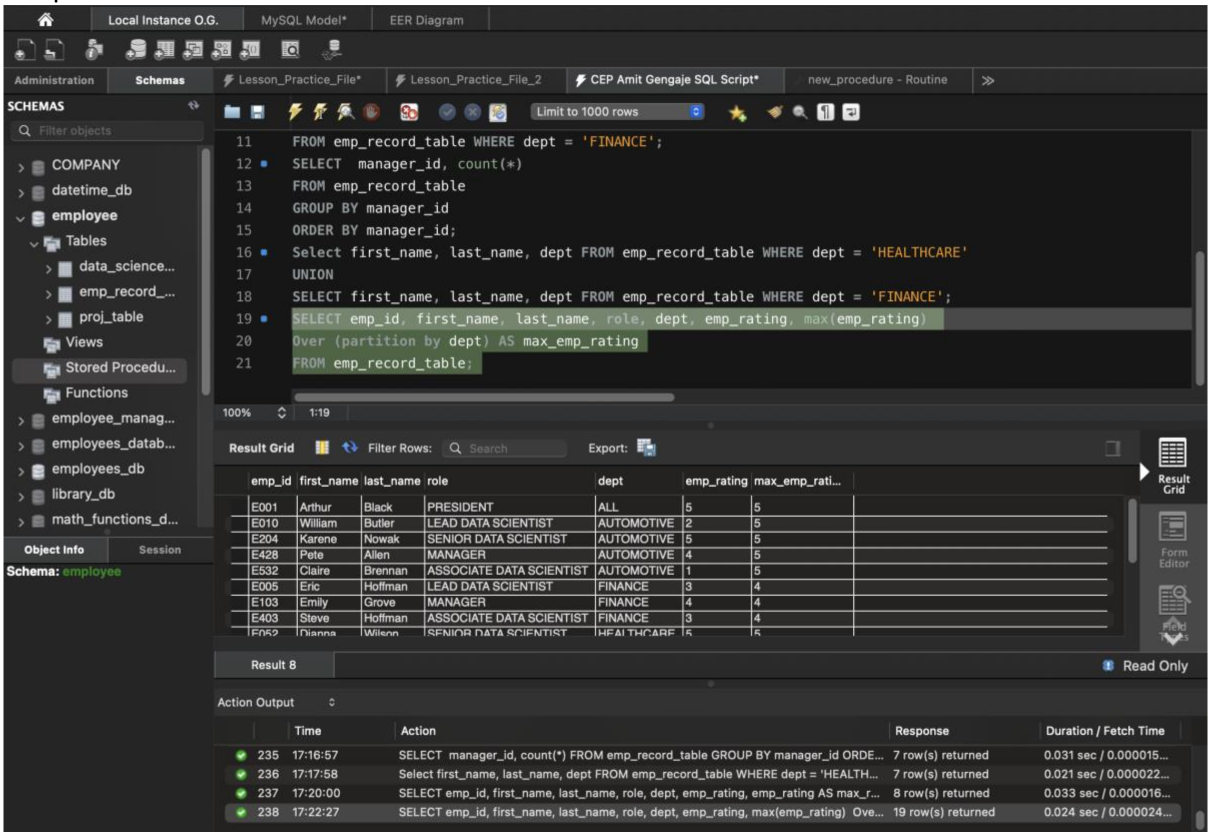
Action Output

	Time	Action	Response	Duration / Fetch Time
233	17:11:54	SELECT emp_id, first_name, last_name, gender, dept, emp_rating FROM emp_record_...	15 row(s) returned	0.051 sec / 0.00033...
234	17:14:21	SELECT CONCAT(first_name, ' ', last_name) NAME FROM emp_record_table WHERE...	3 row(s) returned	0.057 sec / 0.00030...
235	17:16:57	SELECT manager_id, count(*) FROM emp_record_table GROUP BY manager_id ORDE...	7 row(s) returned	0.031 sec / 0.000015...
236	17:17:58	Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTH...	7 row(s) returned	0.021 sec / 0.000022...

8. Input SQL Query:

SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;

Output:

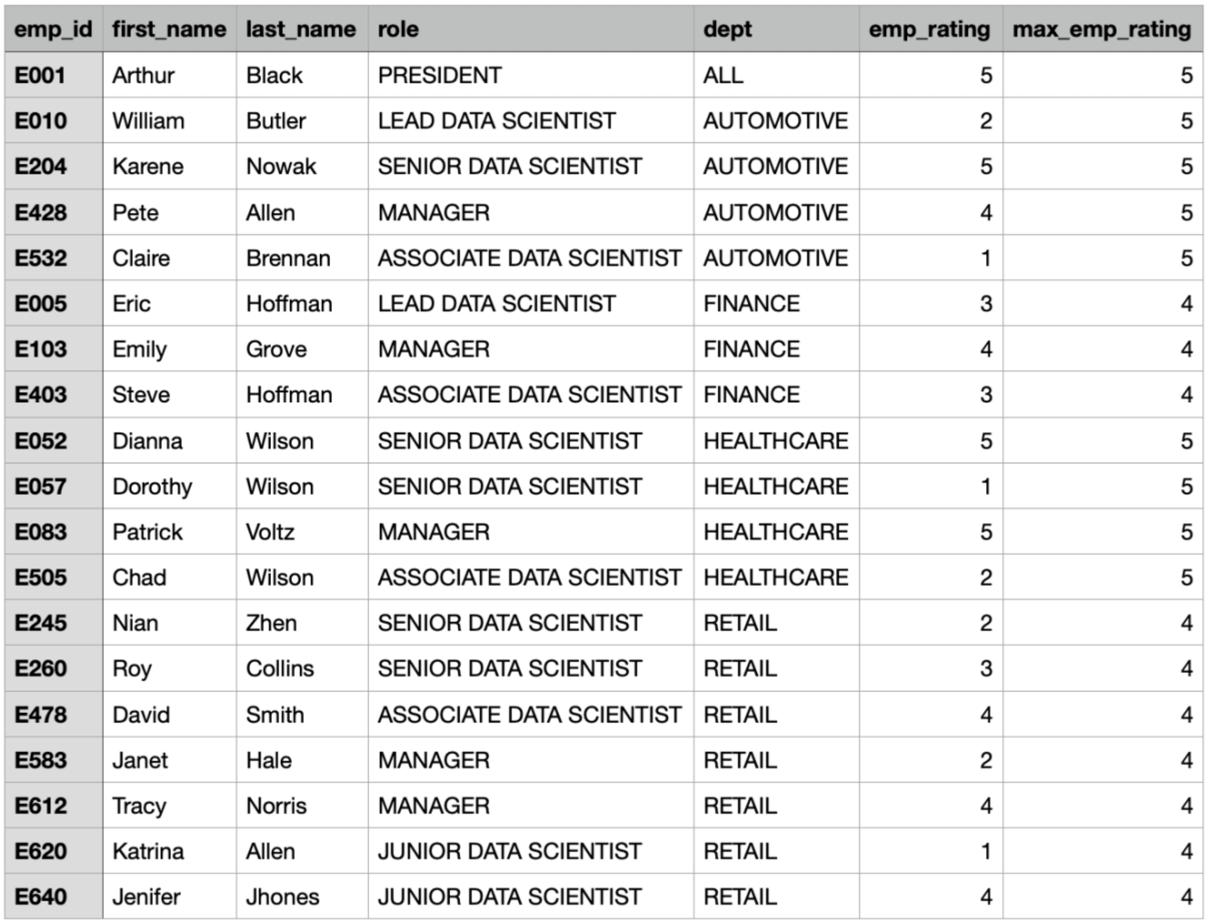


```sql
FROM emp_record_table WHERE dept = 'FINANCE';
SELECT  manager_id, count(*)
FROM emp_record_table
GROUP BY manager_id
ORDER BY manager_id;
Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTHCARE'
UNION
SELECT first_name, last_name, dept FROM emp_record_table WHERE dept = 'FINANCE';
SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
```

emp_id	first_name	last_name	role	dept	emp_rating	max_emp_rati...
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

		Time	Action	Response	Duration / Fetch Time
✓	235	17:16:57	SELECT manager_id, count(*) FROM emp_record_table GROUP BY manager_id ORDE...	7 row(s) returned	0.031 sec / 0.000015...
✓	236	17:17:58	Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTH...	7 row(s) returned	0.021 sec / 0.000022...
✓	237	17:20:00	SELECT emp_id, first_name, last_name, role, dept, emp_rating, emp_rating AS max_r...	8 row(s) returned	0.033 sec / 0.000016...
✓	238	17:22:27	SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating) Ove...	19 row(s) returned	0.024 sec / 0.000024...

Result Grid Zoom:

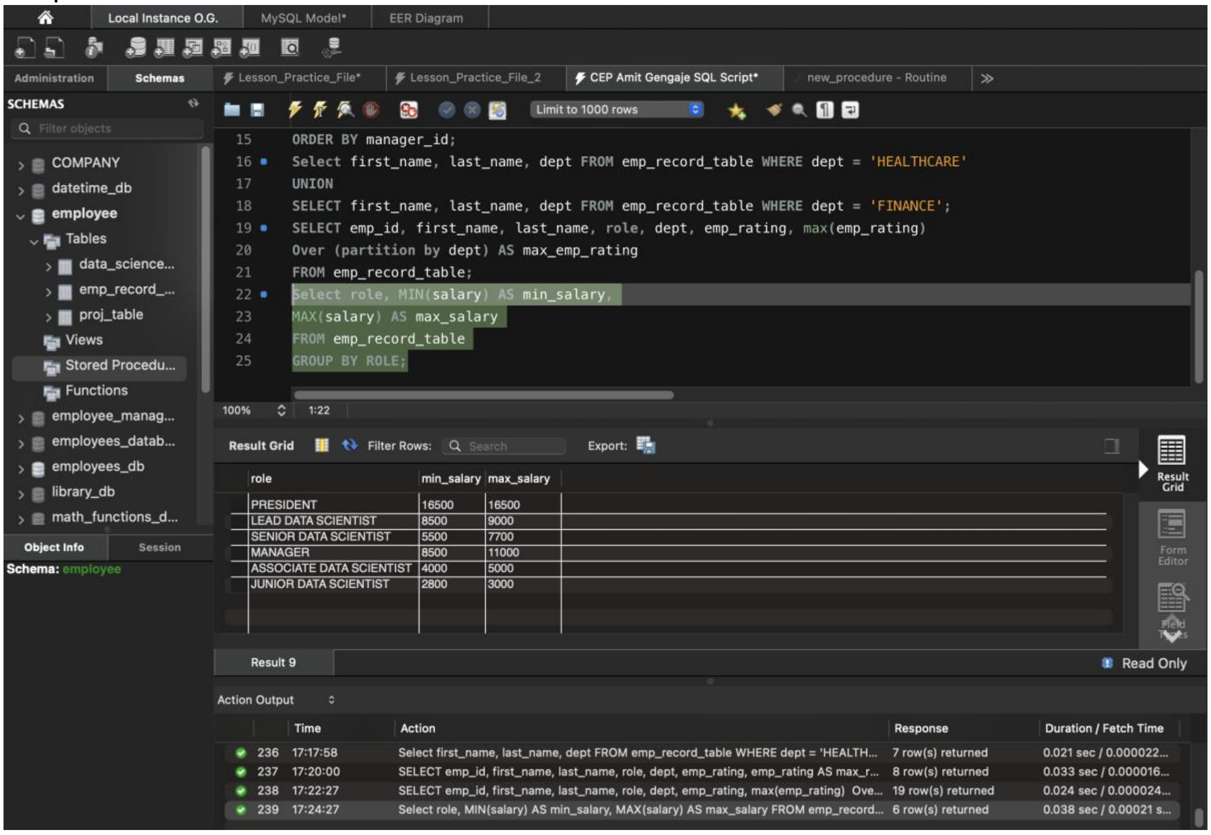


emp_id	first_name	last_name	role	dept	emp_rating	max_emp_rating
E001	Arthur	Black	PRESIDENT	ALL	5	5
E010	William	Butler	LEAD DATA SCIENTIST	AUTOMOTIVE	2	5
E204	Karene	Nowak	SENIOR DATA SCIENTIST	AUTOMOTIVE	5	5
E428	Pete	Allen	MANAGER	AUTOMOTIVE	4	5
E532	Claire	Brennan	ASSOCIATE DATA SCIENTIST	AUTOMOTIVE	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
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
E583	Janet	Hale	MANAGER	RETAIL	2	4
E612	Tracy	Norris	MANAGER	RETAIL	4	4
E620	Katrina	Allen	JUNIOR DATA SCIENTIST	RETAIL	1	4
E640	Jenifer	Jhones	JUNIOR DATA SCIENTIST	RETAIL	4	4

9. Input SQL Query:

```
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
```

Output:



```
ORDER BY manager_id;
Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTHCARE'
UNION
SELECT first_name, last_name, dept FROM emp_record_table WHERE dept = 'FINANCE';
SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
```

role	min_salary	max_salary
PRESIDENT	16500	16500
LEAD DATA SCIENTIST	8500	9000
SENIOR DATA SCIENTIST	5500	7700
MANAGER	8500	11000
ASSOCIATE DATA SCIENTIST	4000	5000
JUNIOR DATA SCIENTIST	2800	3000

Result 9 Read Only

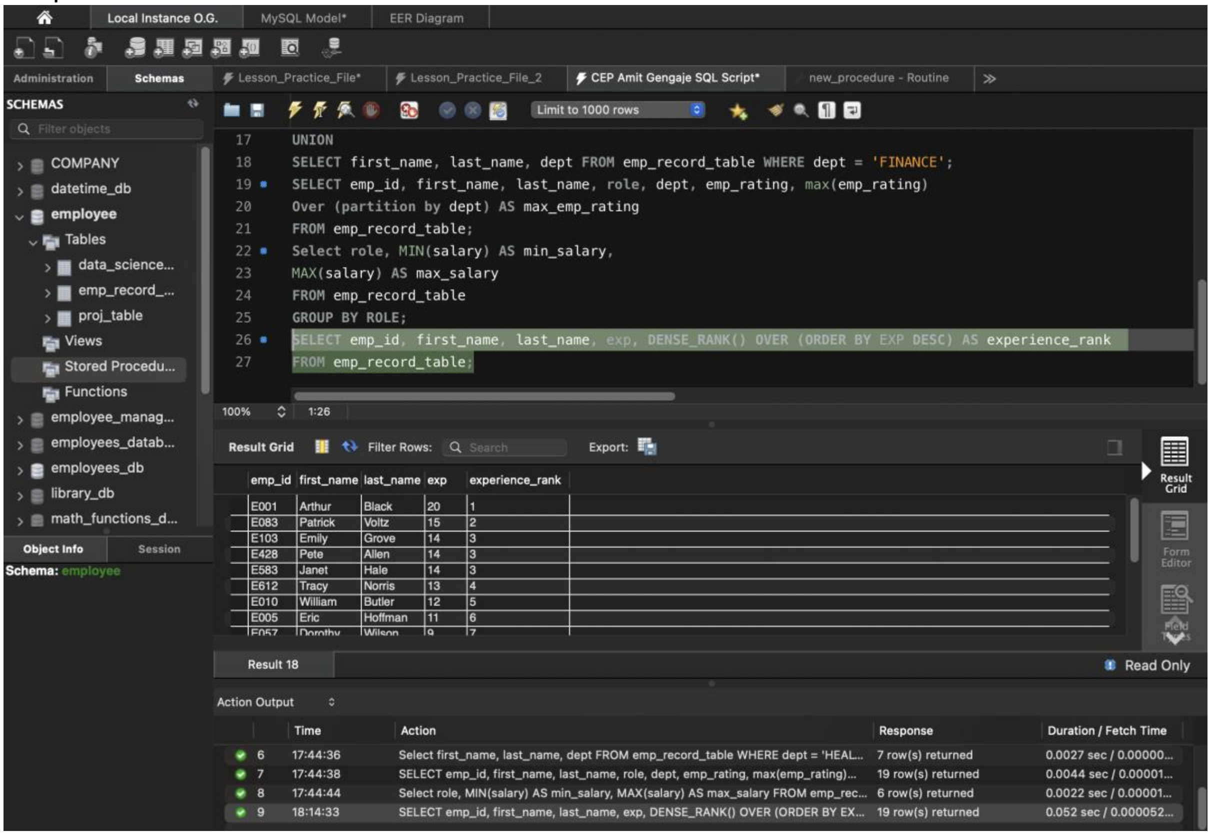
Action Output

		Time	Action	Response	Duration / Fetch Time
✓	236	17:17:58	Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEALTH...	7 row(s) returned	0.021 sec / 0.000022...
✓	237	17:20:00	SELECT emp_id, first_name, last_name, role, dept, emp_rating, emp_rating AS max_r...	8 row(s) returned	0.033 sec / 0.000016...
✓	238	17:22:27	SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating) Ove...	19 row(s) returned	0.024 sec / 0.000024...
✓	239	17:24:27	Select role, MIN(salary) AS min_salary, MAX(salary) AS max_salary FROM emp_record...	6 row(s) returned	0.038 sec / 0.00021 s...

10. Input SQL Query:

    SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
    FROM emp_record_table;

Output:



```sql
UNION
SELECT first_name, last_name, dept FROM emp_record_table WHERE dept = 'FINANCE';
SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
```

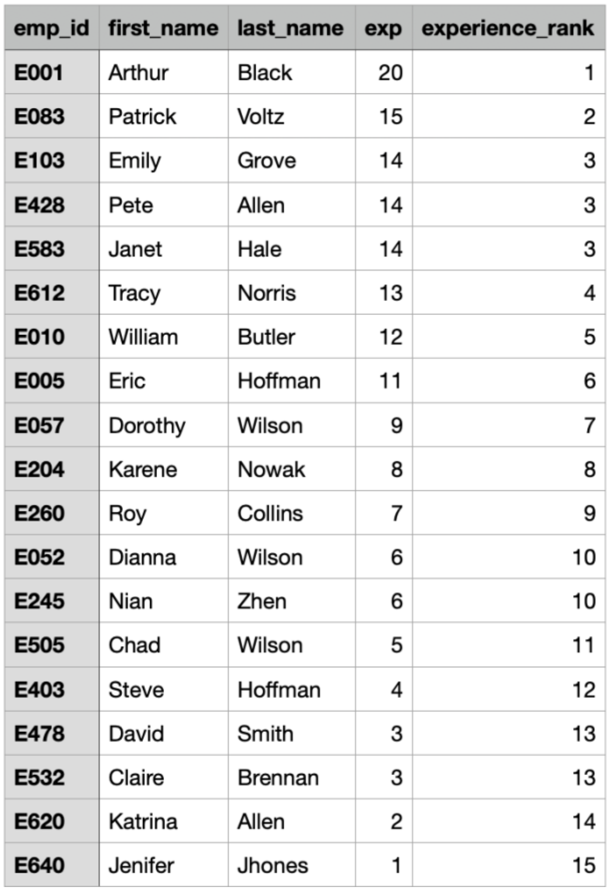
```
emp_id  first_name  last_name  exp  experience_rank
E001    Arthur      Black      20   1
E083    Patrick     Voltz      15   2
E103    Emily       Grove      14   3
E428    Pete        Allen      14   3
E583    Janet       Hale       14   3
E612    Tracy       Norris     13   4
E010    William     Butler     12   5
E005    Eric        Hoffman    11   6
E057    Dorothy     Wilson     9    7
```

Result 18   Read Only

Action Output

```
   Time      Action                                                                        Response              Duration / Fetch Time
6  17:44:36  Select first_name, last_name, dept FROM emp_record_table WHERE dept = 'HEAL...  7 row(s) returned     0.0027 sec / 0.00000...
7  17:44:38  SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)...  19 row(s) returned    0.0044 sec / 0.00001...
8  17:44:44  Select role, MIN(salary) AS min_salary, MAX(salary) AS max_salary FROM emp_rec...  6 row(s) returned     0.0022 sec / 0.00001...
9  18:14:33  SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EX...  19 row(s) returned    0.052 sec / 0.000052...
```

Result Grid Zoom:



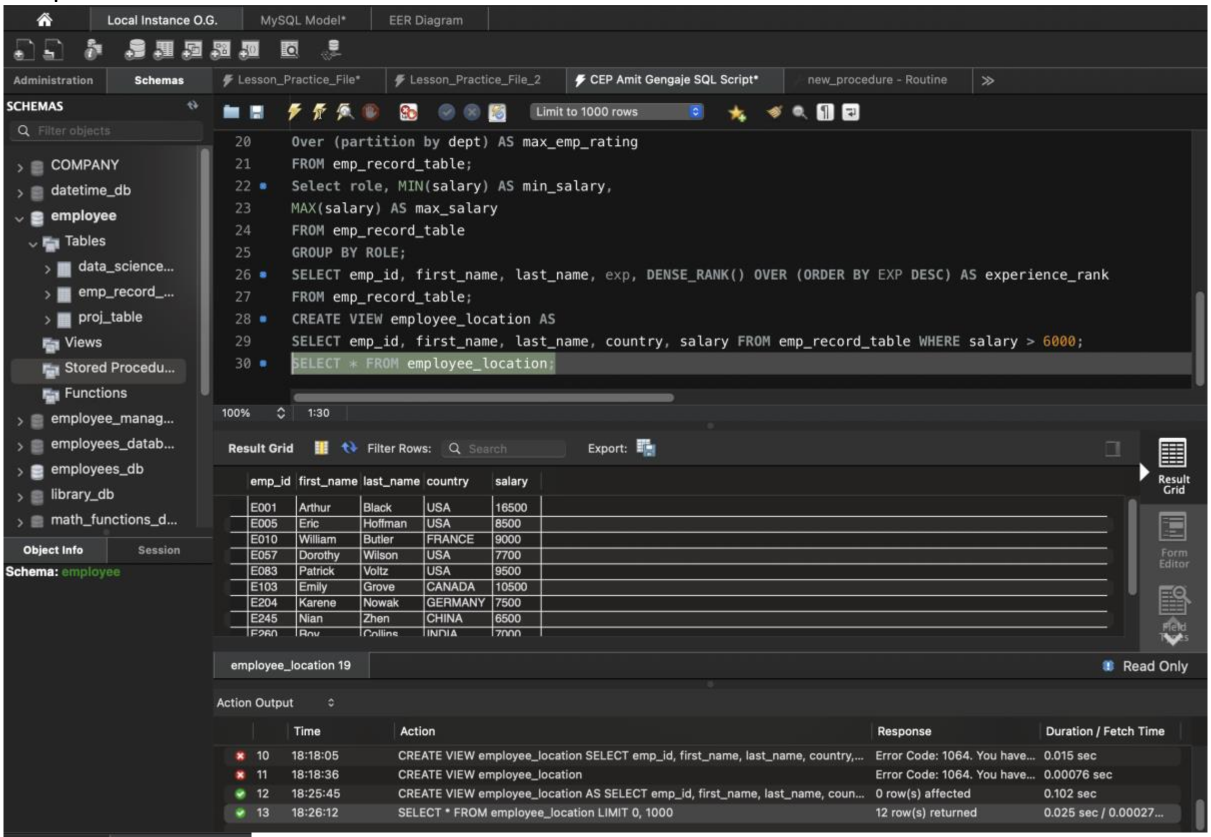
emp_id	first_name	last_name	exp	experience_rank
E001	Arthur	Black	20	1
E083	Patrick	Voltz	15	2
E103	Emily	Grove	14	3
E428	Pete	Allen	14	3
E583	Janet	Hale	14	3
E612	Tracy	Norris	13	4
E010	William	Butler	12	5
E005	Eric	Hoffman	11	6
E057	Dorothy	Wilson	9	7
E204	Karene	Nowak	8	8
E260	Roy	Collins	7	9
E052	Dianna	Wilson	6	10
E245	Nian	Zhen	6	10
E505	Chad	Wilson	5	11
E403	Steve	Hoffman	4	12
E478	David	Smith	3	13
E532	Claire	Brennan	3	13
E620	Katrina	Allen	2	14
E640	Jenifer	Jhones	1	15

11. Input SQL Query:

```
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table
WHERE salary > 6000;

SELECT * FROM employee_location;
```

Outputs:



```
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table WHERE salary > 6000;
SELECT * FROM employee_location;
```

100% 1:30

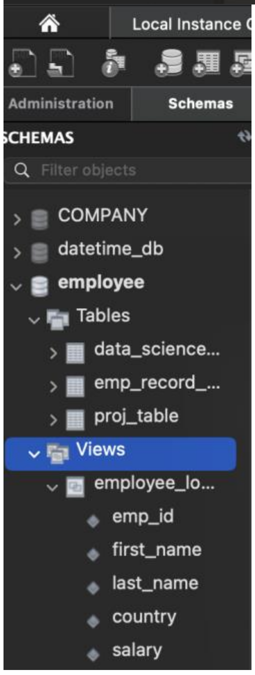
Result Grid Filter Rows: Search Export:

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

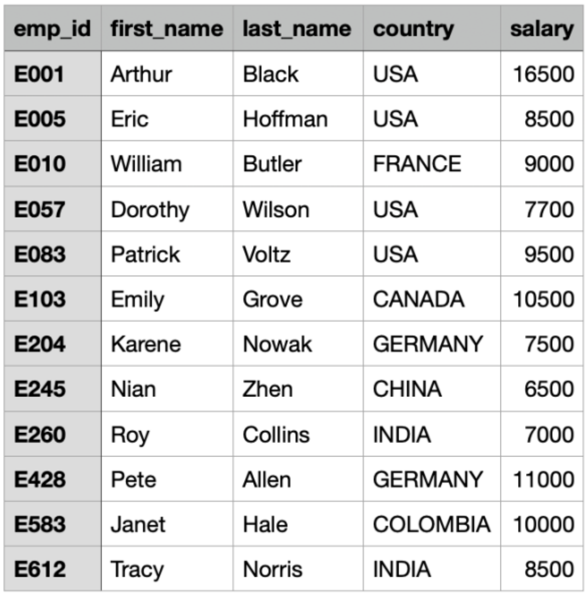
employee_location 19 Read Only

Action Output

		Time	Action	Response	Duration / Fetch Time
✗	10	18:18:05	CREATE VIEW employee_location SELECT emp_id, first_name, last_name, country,...	Error Code: 1064. You have...	0.015 sec
✗	11	18:18:36	CREATE VIEW employee_location	Error Code: 1064. You have...	0.00076 sec
✓	12	18:25:45	CREATE VIEW employee_location AS SELECT emp_id, first_name, last_name, coun...	0 row(s) affected	0.102 sec
✓	13	18:26:12	SELECT * FROM employee_location LIMIT 0, 1000	12 row(s) returned	0.025 sec / 0.00027...



Result Grid Zoom:

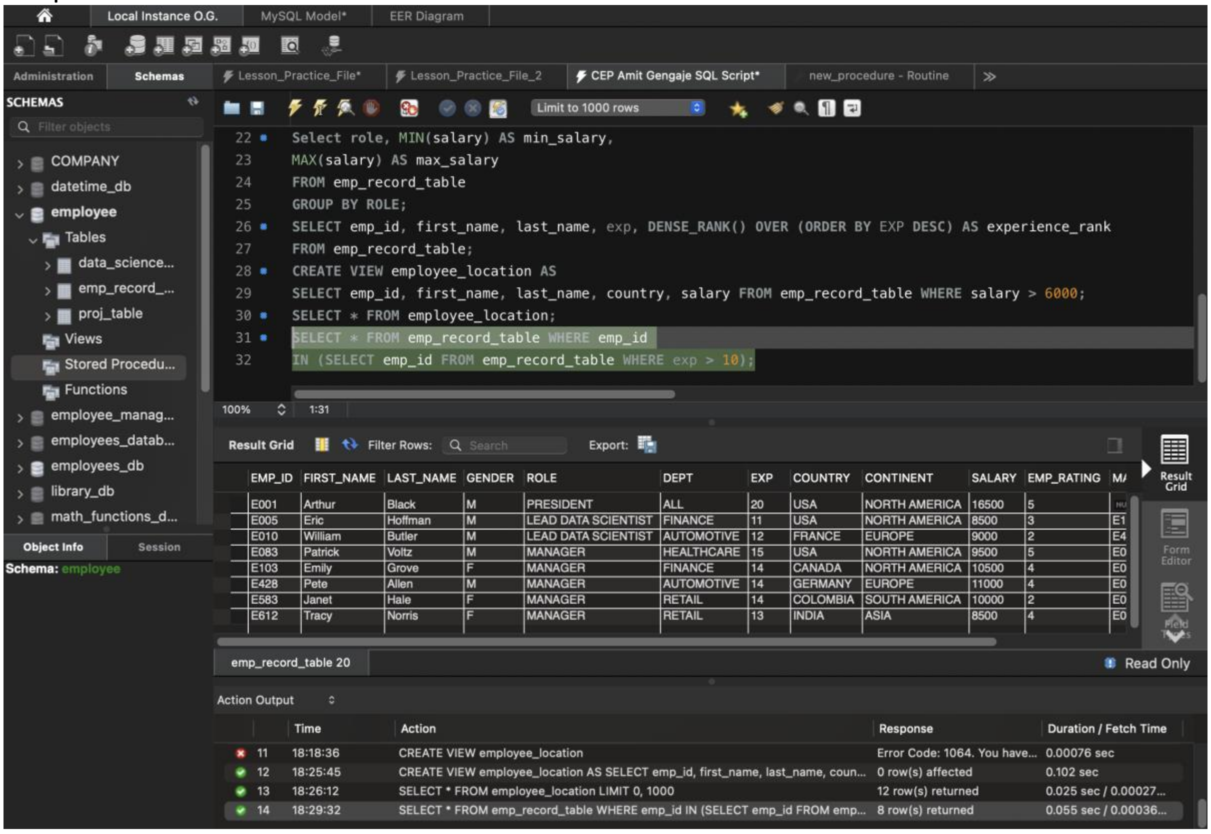


emp_id	first_name	last_name	country	salary
E001	Arthur	Black	USA	16500
E005	Eric	Hoffman	USA	8500
E010	William	Butler	FRANCE	9000
E057	Dorothy	Wilson	USA	7700
E083	Patrick	Voltz	USA	9500
E103	Emily	Grove	CANADA	10500
E204	Karene	Nowak	GERMANY	7500
E245	Nian	Zhen	CHINA	6500
E260	Roy	Collins	INDIA	7000
E428	Pete	Allen	GERMANY	11000
E583	Janet	Hale	COLOMBIA	10000
E612	Tracy	Norris	INDIA	8500

12. Input SQL Query:

SELECT * FROM emp_record_table WHERE emp_id
IN (SELECT emp_id FROM emp_record_table WHERE exp > 10);

Output:



```
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table WHERE salary > 6000;
SELECT * FROM employee_location;
SELECT * FROM emp_record_table WHERE emp_id
IN (SELECT emp_id FROM emp_record_table WHERE exp > 10);
```

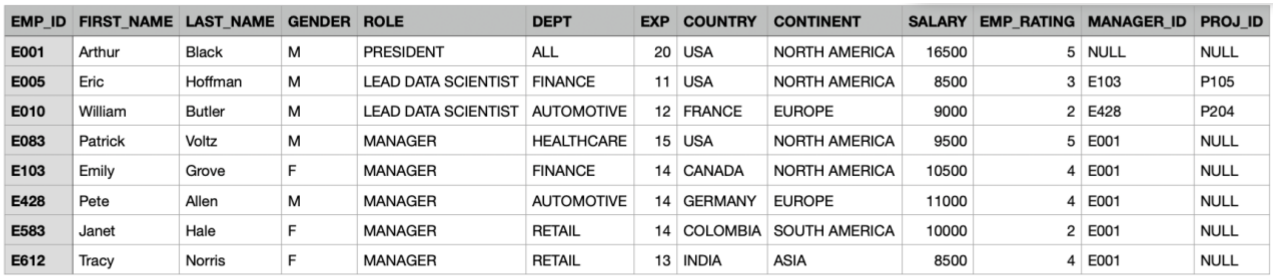
EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MA
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5	NU
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E1
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2	E4
E083	Patrick	Voltz	M	MANAGER	HEALTHCARE	15	USA	NORTH AMERICA	9500	5	E0
E103	Emily	Grove	F	MANAGER	FINANCE	14	CANADA	NORTH AMERICA	10500	4	E0
E428	Pete	Allen	M	MANAGER	AUTOMOTIVE	14	GERMANY	EUROPE	11000	4	E0
E583	Janet	Hale	F	MANAGER	RETAIL	14	COLOMBIA	SOUTH AMERICA	10000	2	E0
E612	Tracy	Norris	F	MANAGER	RETAIL	13	INDIA	ASIA	8500	4	E0

emp_record_table 20

Action Output

	Time	Action	Response	Duration / Fetch Time
11	18:18:36	CREATE VIEW employee_location	Error Code: 1064. You have...	0.00076 sec
12	18:25:45	CREATE VIEW employee_location AS SELECT emp_id, first_name, last_name, coun...	0 row(s) affected	0.102 sec
13	18:26:12	SELECT * FROM employee_location LIMIT 0, 1000	12 row(s) returned	0.025 sec / 0.00027...
14	18:29:32	SELECT * FROM emp_record_table WHERE emp_id IN (SELECT emp_id FROM emp...	8 row(s) returned	0.055 sec / 0.00036...

Result Grid Zoom:



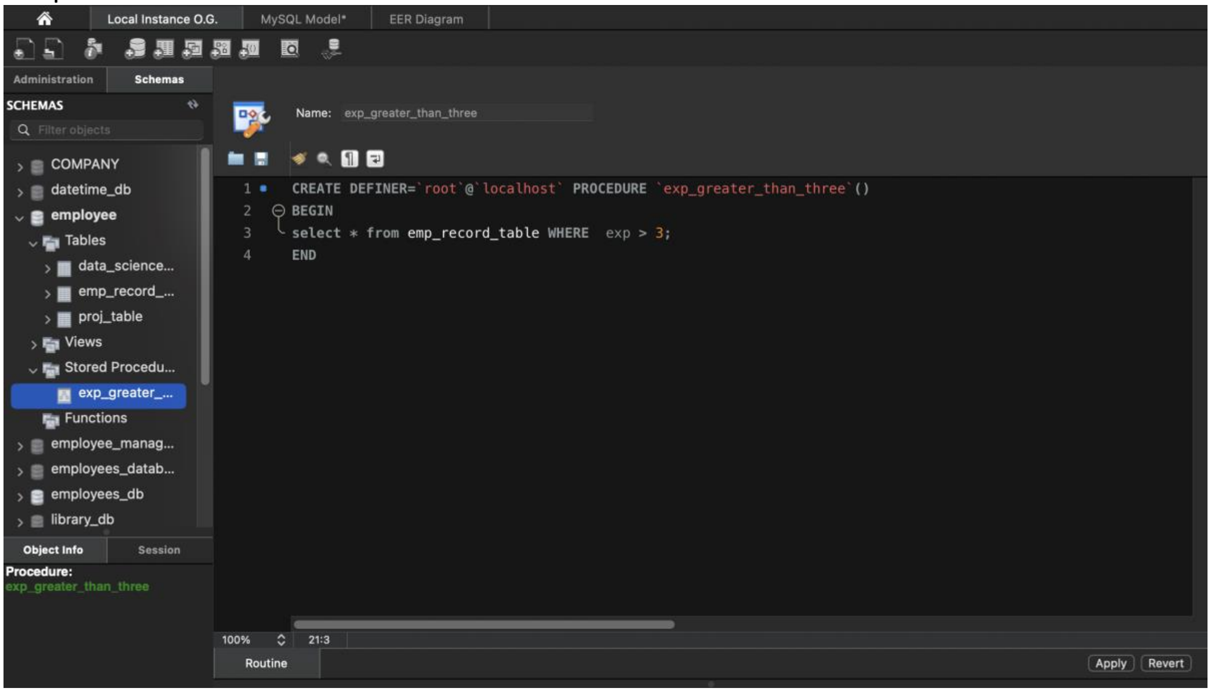
EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_ID	PROJ_ID
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5	NULL	NULL
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E103	P105
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2	E428	P204
E083	Patrick	Voltz	M	MANAGER	HEALTHCARE	15	USA	NORTH AMERICA	9500	5	E001	NULL
E103	Emily	Grove	F	MANAGER	FINANCE	14	CANADA	NORTH AMERICA	10500	4	E001	NULL
E428	Pete	Allen	M	MANAGER	AUTOMOTIVE	14	GERMANY	EUROPE	11000	4	E001	NULL
E583	Janet	Hale	F	MANAGER	RETAIL	14	COLOMBIA	SOUTH AMERICA	10000	2	E001	NULL
E612	Tracy	Norris	F	MANAGER	RETAIL	13	INDIA	ASIA	8500	4	E001	NULL

13. Input SQL Query:

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `exp_greater_than_three`()
BEGIN
select * from emp_record_table WHERE  exp > 3;
END

CALL employee.exp_greater_than_three();
```

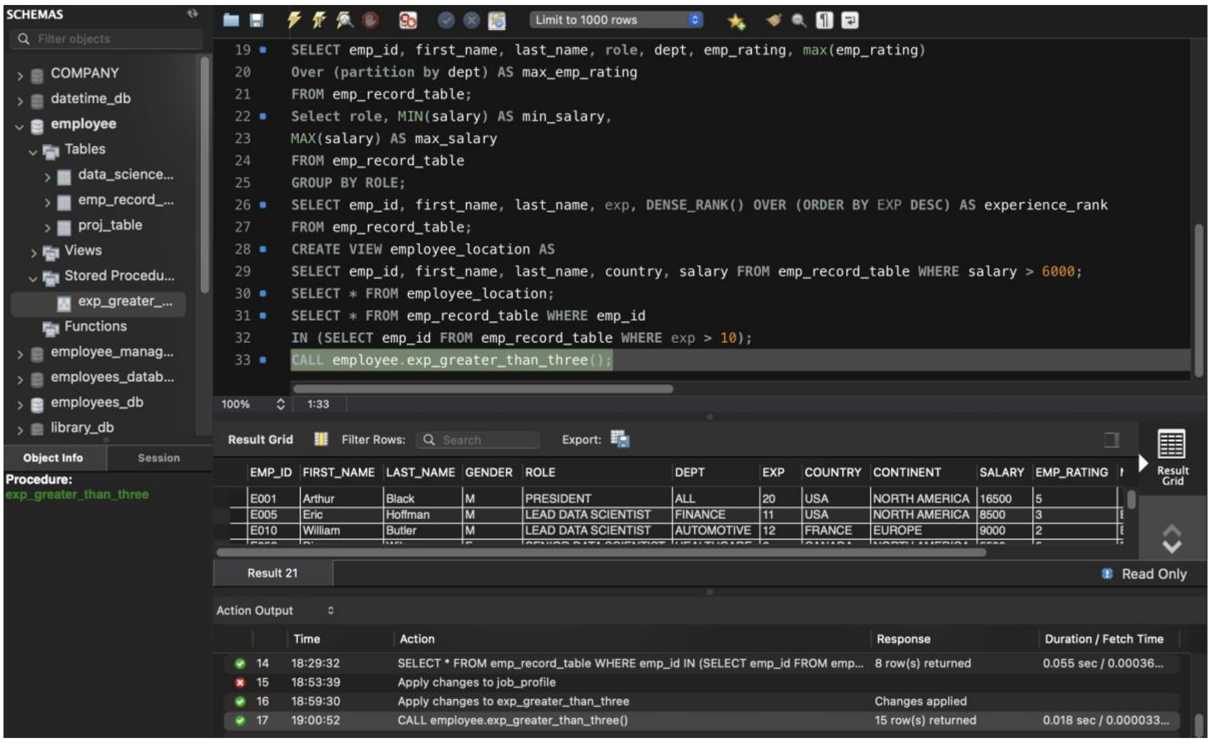
Outputs:



Name: exp_greater_than_three

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `exp_greater_than_three`()
BEGIN
select * from emp_record_table WHERE  exp > 3;
END
```

Procedure:
exp_greater_than_three

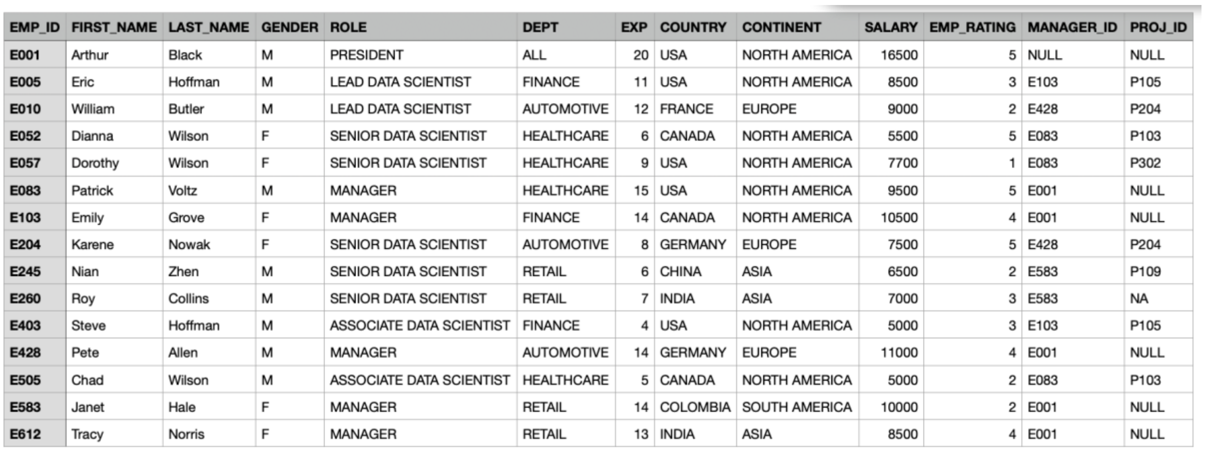


```sql
SELECT emp_id, first_name, last_name, role, dept, emp_rating, max(emp_rating)
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table WHERE salary > 6000;
SELECT * FROM employee_location;
SELECT * FROM emp_record_table WHERE emp_id
IN (SELECT emp_id FROM emp_record_table WHERE exp > 10);
CALL employee.exp_greater_than_three();
```

EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2

```
     Time      Action                                                               Response           Duration / Fetch Time
14   18:29:32  SELECT * FROM emp_record_table WHERE emp_id IN (SELECT emp_id FROM emp...  8 row(s) returned  0.055 sec / 0.00036...
15   18:53:39  Apply changes to job_profile
16   18:59:30  Apply changes to exp_greater_than_three                             Changes applied
17   19:00:52  CALL employee.exp_greater_than_three()                              15 row(s) returned 0.018 sec / 0.000033...
```

Result Grid Zoom:



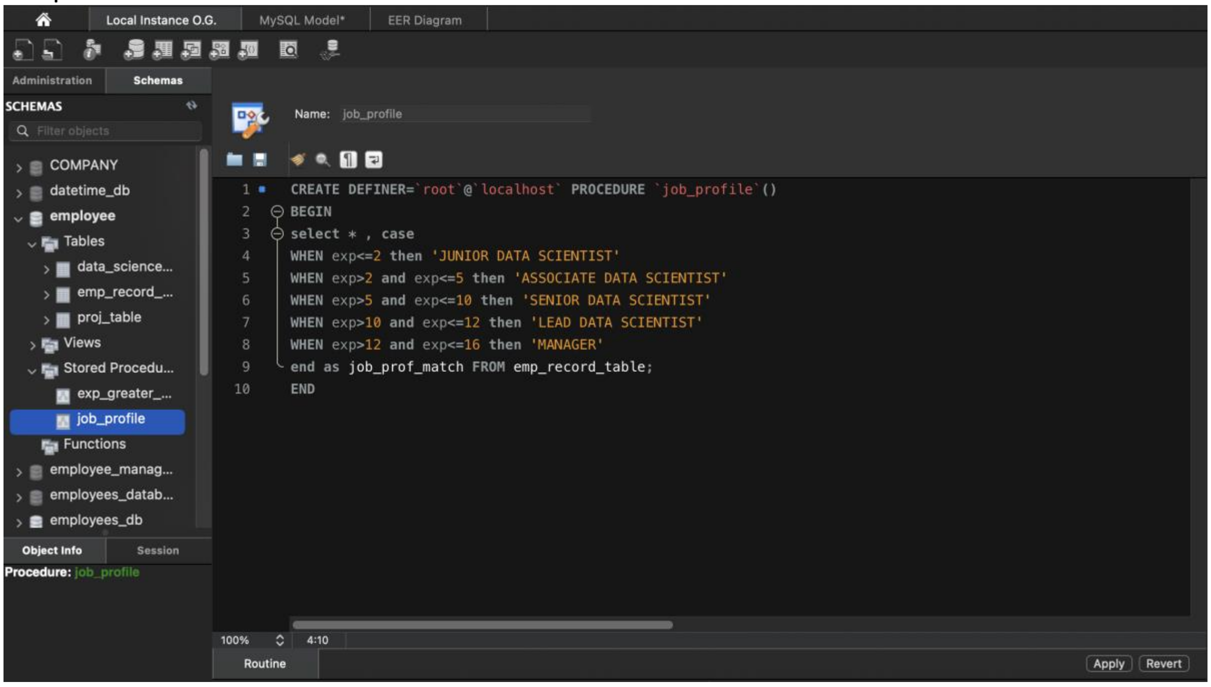
EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_ID	PROJ_ID
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5	NULL	NULL
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E103	P105
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2	E428	P204
E052	Dianna	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	6	CANADA	NORTH AMERICA	5500	5	E083	P103
E057	Dorothy	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	9	USA	NORTH AMERICA	7700	1	E083	P302
E083	Patrick	Voltz	M	MANAGER	HEALTHCARE	15	USA	NORTH AMERICA	9500	5	E001	NULL
E103	Emily	Grove	F	MANAGER	FINANCE	14	CANADA	NORTH AMERICA	10500	4	E001	NULL
E204	Karene	Nowak	F	SENIOR DATA SCIENTIST	AUTOMOTIVE	8	GERMANY	EUROPE	7500	5	E428	P204
E245	Nian	Zhen	M	SENIOR DATA SCIENTIST	RETAIL	6	CHINA	ASIA	6500	2	E583	P109
E260	Roy	Collins	M	SENIOR DATA SCIENTIST	RETAIL	7	INDIA	ASIA	7000	3	E583	NA
E403	Steve	Hoffman	M	ASSOCIATE DATA SCIENTIST	FINANCE	4	USA	NORTH AMERICA	5000	3	E103	P105
E428	Pete	Allen	M	MANAGER	AUTOMOTIVE	14	GERMANY	EUROPE	11000	4	E001	NULL
E505	Chad	Wilson	M	ASSOCIATE DATA SCIENTIST	HEALTHCARE	5	CANADA	NORTH AMERICA	5000	2	E083	P103
E583	Janet	Hale	F	MANAGER	RETAIL	14	COLOMBIA	SOUTH AMERICA	10000	2	E001	NULL
E612	Tracy	Norris	F	MANAGER	RETAIL	13	INDIA	ASIA	8500	4	E001	NULL

14. Input SQL Query:

```sql
CREATE DEFINER=`root`@`localhost` PROCEDURE `job_profile`()
BEGIN
select * , case
WHEN exp<=2 then 'JUNIOR DATA SCIENTIST'
WHEN exp>2 and exp<=5 then 'ASSOCIATE DATA SCIENTIST'
WHEN exp>5 and exp<=10 then 'SENIOR DATA SCIENTIST'
WHEN exp>10 and exp<=12 then 'LEAD DATA SCIENTIST'
WHEN exp>12 and exp<=16 then 'MANAGER'
end as job_prof_match FROM emp_record_table;
END

call employee.job_profile();
```

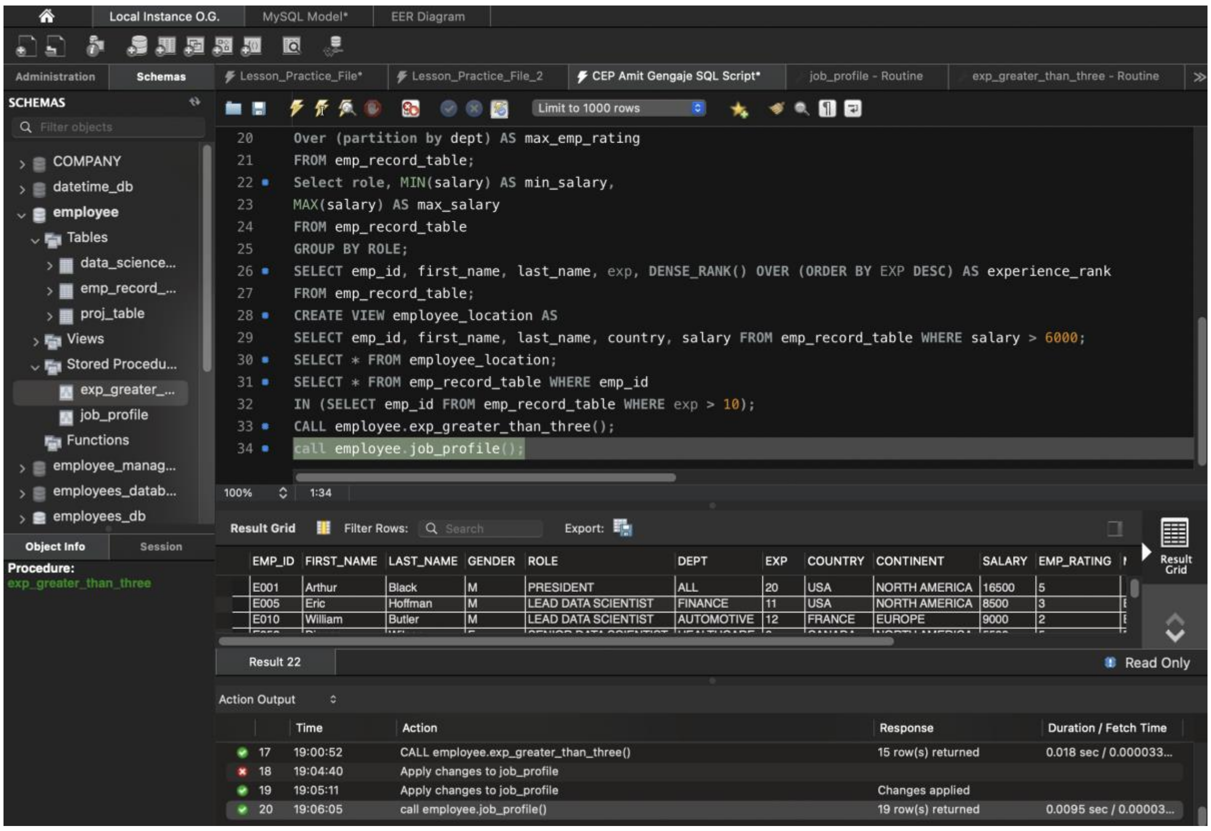
Outputs:



Name: job_profile

```sql
CREATE DEFINER=`root`@`localhost` PROCEDURE `job_profile`()
BEGIN
select * , case
WHEN exp<=2 then 'JUNIOR DATA SCIENTIST'
WHEN exp>2 and exp<=5 then 'ASSOCIATE DATA SCIENTIST'
WHEN exp>5 and exp<=10 then 'SENIOR DATA SCIENTIST'
WHEN exp>10 and exp<=12 then 'LEAD DATA SCIENTIST'
WHEN exp>12 and exp<=16 then 'MANAGER'
end as job_prof_match FROM emp_record_table;
END
```

Procedure: job_profile



```sql
Over (partition by dept) AS max_emp_rating
FROM emp_record_table;
Select role, MIN(salary) AS min_salary,
MAX(salary) AS max_salary
FROM emp_record_table
GROUP BY ROLE;
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table WHERE salary > 6000;
SELECT * FROM employee_location;
SELECT * FROM emp_record_table WHERE emp_id
IN (SELECT emp_id FROM emp_record_table WHERE exp > 10);
CALL employee.exp_greater_than_three();
call employee.job_profile();
```

EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2

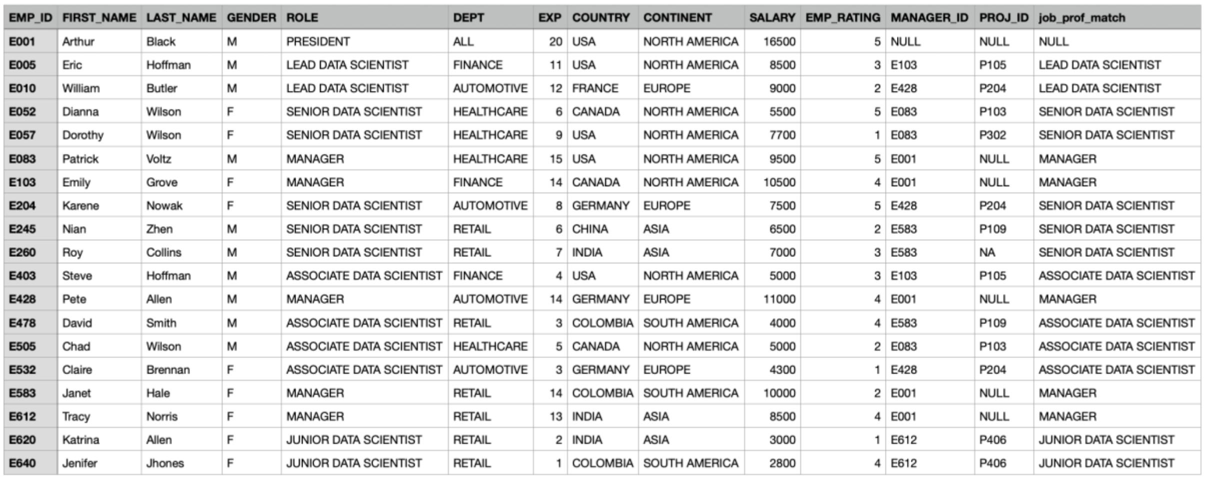
Result 22

Procedure: exp_greater_than_three

Action Output

	Time	Action	Response	Duration / Fetch Time
17	19:00:52	CALL employee.exp_greater_than_three()	15 row(s) returned	0.018 sec / 0.000033...
18	19:04:40	Apply changes to job_profile		
19	19:05:11	Apply changes to job_profile	Changes applied	
20	19:06:05	call employee.job_profile()	19 row(s) returned	0.0095 sec / 0.00003...

Result Grid Zoom:

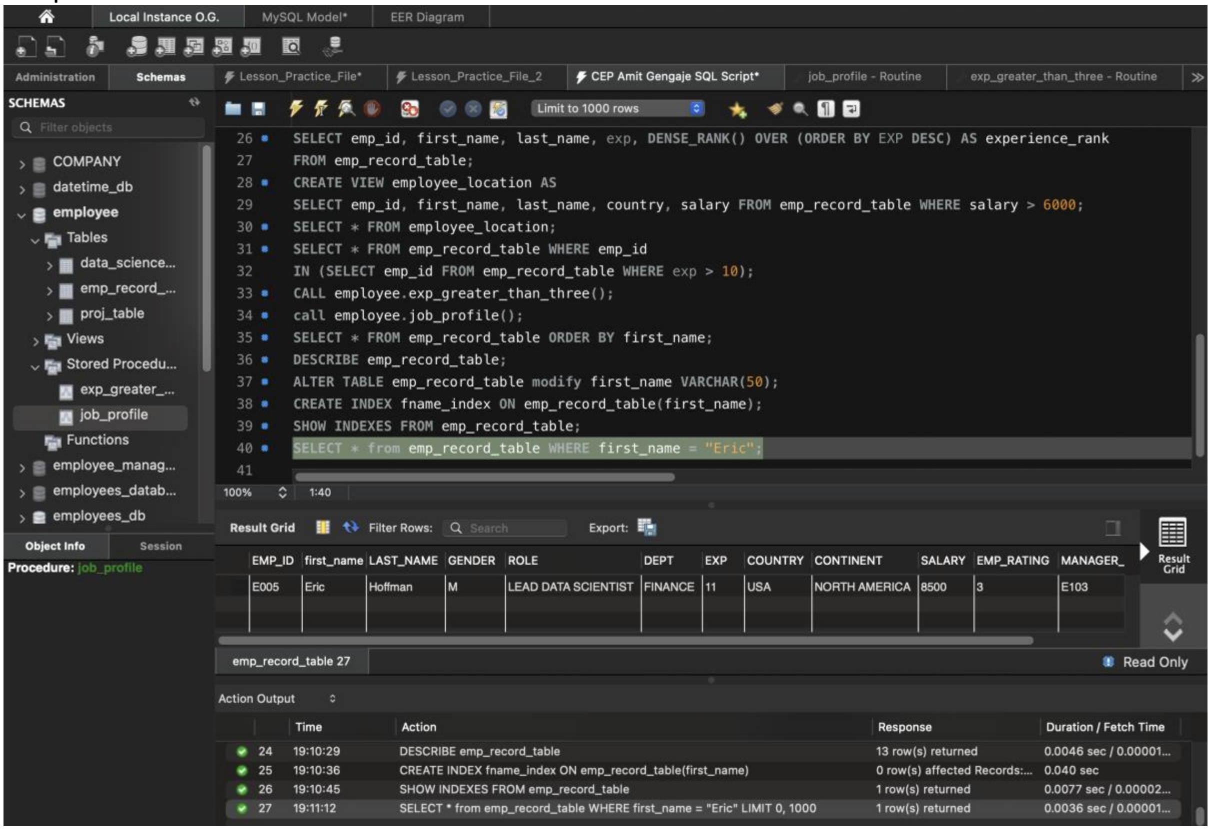


EMP_ID	FIRST_NAME	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_ID	PROJ_ID	job_prof_match
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5	NULL	NULL	NULL
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E103	P105	LEAD DATA SCIENTIST
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2	E428	P204	LEAD DATA SCIENTIST
E052	Dianna	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	6	CANADA	NORTH AMERICA	5500	5	E083	P103	SENIOR DATA SCIENTIST
E057	Dorothy	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	9	USA	NORTH AMERICA	7700	1	E083	P302	SENIOR DATA SCIENTIST
E083	Patrick	Voltz	M	MANAGER	HEALTHCARE	15	USA	NORTH AMERICA	9500	5	E001	NULL	MANAGER
E103	Emily	Grove	F	MANAGER	FINANCE	14	CANADA	NORTH AMERICA	10500	4	E001	NULL	MANAGER
E204	Karene	Nowak	F	SENIOR DATA SCIENTIST	AUTOMOTIVE	8	GERMANY	EUROPE	7500	5	E428	P204	SENIOR DATA SCIENTIST
E245	Nian	Zhen	M	SENIOR DATA SCIENTIST	RETAIL	6	CHINA	ASIA	6500	2	E583	P109	SENIOR DATA SCIENTIST
E260	Roy	Collins	M	SENIOR DATA SCIENTIST	RETAIL	7	INDIA	ASIA	7000	3	E583	NA	SENIOR DATA SCIENTIST
E403	Steve	Hoffman	M	ASSOCIATE DATA SCIENTIST	FINANCE	4	USA	NORTH AMERICA	5000	3	E103	P105	ASSOCIATE DATA SCIENTIST
E428	Pete	Allen	M	MANAGER	AUTOMOTIVE	14	GERMANY	EUROPE	11000	4	E001	NULL	MANAGER
E478	David	Smith	M	ASSOCIATE DATA SCIENTIST	RETAIL	3	COLOMBIA	SOUTH AMERICA	4000	4	E583	P109	ASSOCIATE DATA SCIENTIST
E505	Chad	Wilson	M	ASSOCIATE DATA SCIENTIST	HEALTHCARE	5	CANADA	NORTH AMERICA	5000	2	E083	P103	ASSOCIATE DATA SCIENTIST
E532	Claire	Brennan	F	ASSOCIATE DATA SCIENTIST	AUTOMOTIVE	3	GERMANY	EUROPE	4300	1	E428	P204	ASSOCIATE DATA SCIENTIST
E583	Janet	Hale	F	MANAGER	RETAIL	14	COLOMBIA	SOUTH AMERICA	10000	2	E001	NULL	MANAGER
E612	Tracy	Norris	F	MANAGER	RETAIL	13	INDIA	ASIA	8500	4	E001	NULL	MANAGER
E620	Katrina	Allen	F	JUNIOR DATA SCIENTIST	RETAIL	2	INDIA	ASIA	3000	1	E612	P406	JUNIOR DATA SCIENTIST
E640	Jenifer	Jhones	F	JUNIOR DATA SCIENTIST	RETAIL	1	COLOMBIA	SOUTH AMERICA	2800	4	E612	P406	JUNIOR DATA SCIENTIST

15. Input SQL Query:

```
SELECT * FROM emp_record_table ORDER BY first_name;
DESCRIBE emp_record_table;
ALTER TABLE emp_record_table modify first_name VARCHAR(50);
CREATE INDEX fname_index ON emp_record_table(first_name);
SHOW INDEXES FROM emp_record_table;
SELECT * from emp_record_table WHERE first_name = "Eric";
```

Output:



```
SELECT emp_id, first_name, last_name, exp, DENSE_RANK() OVER (ORDER BY EXP DESC) AS experience_rank
FROM emp_record_table;
CREATE VIEW employee_location AS
SELECT emp_id, first_name, last_name, country, salary FROM emp_record_table WHERE salary > 6000;
SELECT * FROM employee_location;
SELECT * FROM emp_record_table WHERE emp_id
IN (SELECT emp_id FROM emp_record_table WHERE exp > 10);
CALL employee.exp_greater_than_three();
call employee.job_profile();
SELECT * FROM emp_record_table ORDER BY first_name;
DESCRIBE emp_record_table;
ALTER TABLE emp_record_table modify first_name VARCHAR(50);
CREATE INDEX fname_index ON emp_record_table(first_name);
SHOW INDEXES FROM emp_record_table;
SELECT * from emp_record_table WHERE first_name = "Eric";
```

100% 1:40

Result Grid | Filter Rows: | Export:

EMP_ID	first_name	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E103

emp_record_table 27 — Read Only

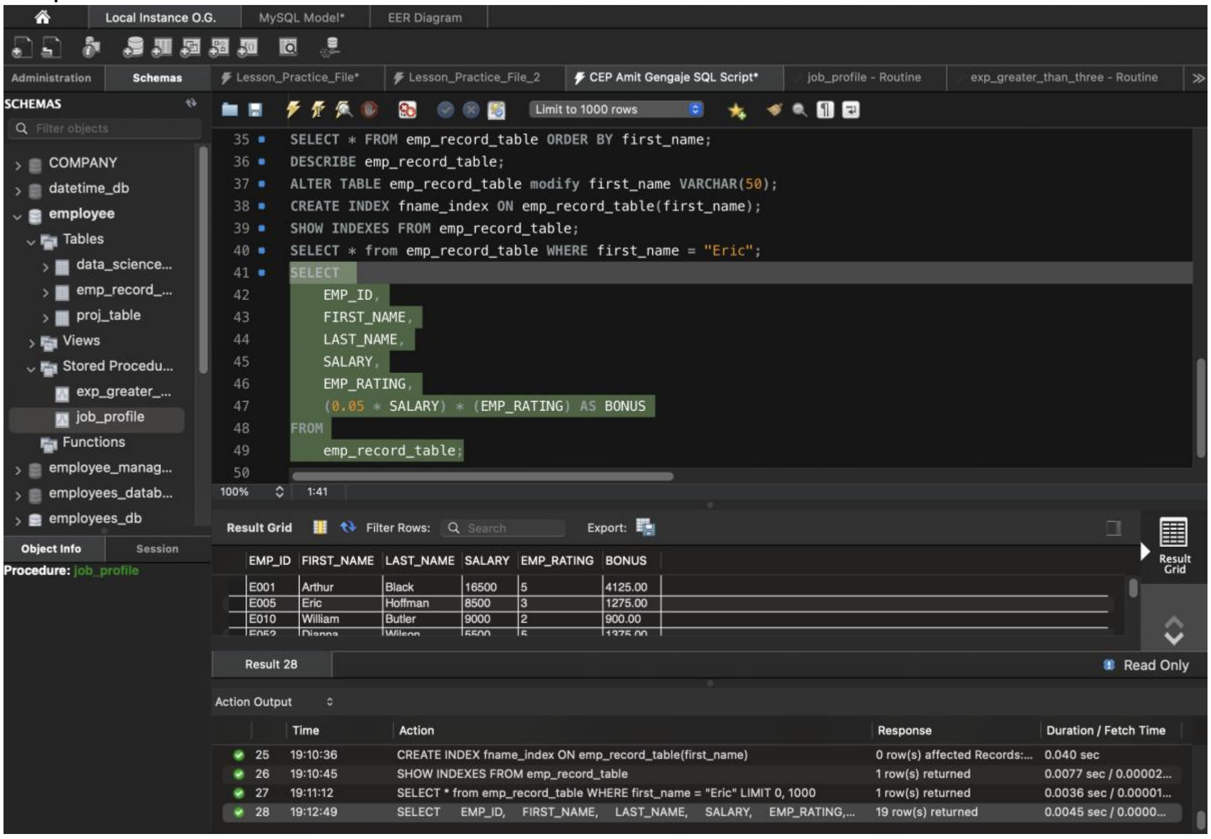
Action Output

	Time	Action	Response	Duration / Fetch Time
24	19:10:29	DESCRIBE emp_record_table	13 row(s) returned	0.0046 sec / 0.00001...
25	19:10:36	CREATE INDEX fname_index ON emp_record_table(first_name)	0 row(s) affected Records:...	0.040 sec
26	19:10:45	SHOW INDEXES FROM emp_record_table	1 row(s) returned	0.0077 sec / 0.00002...
27	19:11:12	SELECT * from emp_record_table WHERE first_name = "Eric" LIMIT 0, 1000	1 row(s) returned	0.0036 sec / 0.00001...

16. Input SQL Query:

```
SELECT
    EMP_ID,
    FIRST_NAME,
    LAST_NAME,
    SALARY,
    EMP_RATING,
    (0.05 * SALARY) * (EMP_RATING) AS BONUS
FROM
    emp_record_table;
```

Output:



```
SELECT * FROM emp_record_table ORDER BY first_name;
DESCRIBE emp_record_table;
ALTER TABLE emp_record_table modify first_name VARCHAR(50);
CREATE INDEX fname_index ON emp_record_table(first_name);
SHOW INDEXES FROM emp_record_table;
SELECT * from emp_record_table WHERE first_name = "Eric";
SELECT
    EMP_ID,
    FIRST_NAME,
    LAST_NAME,
    SALARY,
    EMP_RATING,
    (0.05 * SALARY) * (EMP_RATING) AS BONUS
FROM
    emp_record_table;
```

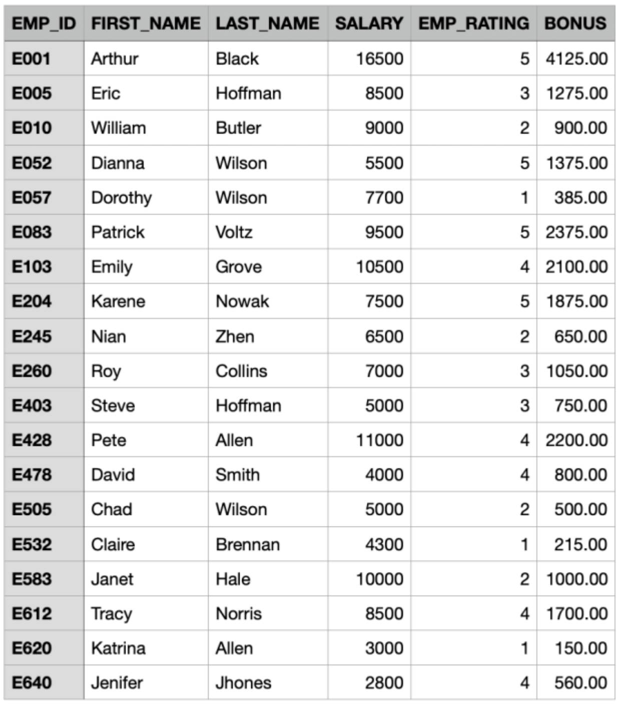
EMP_ID	FIRST_NAME	LAST_NAME	SALARY	EMP_RATING	BONUS
E001	Arthur	Black	16500	5	4125.00
E005	Eric	Hoffman	8500	3	1275.00
E010	William	Butler	9000	2	900.00
E052	Dianna	Wilson	5500	5	1375.00

Result 28 · Read Only

Action Output

	Time	Action	Response	Duration / Fetch Time
25	19:10:36	CREATE INDEX fname_index ON emp_record_table(first_name)	0 row(s) affected Records:...	0.040 sec
26	19:10:45	SHOW INDEXES FROM emp_record_table	1 row(s) returned	0.0077 sec / 0.00002...
27	19:11:12	SELECT * from emp_record_table WHERE first_name = "Eric" LIMIT 0, 1000	1 row(s) returned	0.0036 sec / 0.00001...
28	19:12:49	SELECT EMP_ID, FIRST_NAME, LAST_NAME, SALARY, EMP_RATING,...	19 row(s) returned	0.0045 sec / 0.0000...

Result Grid Zoom:

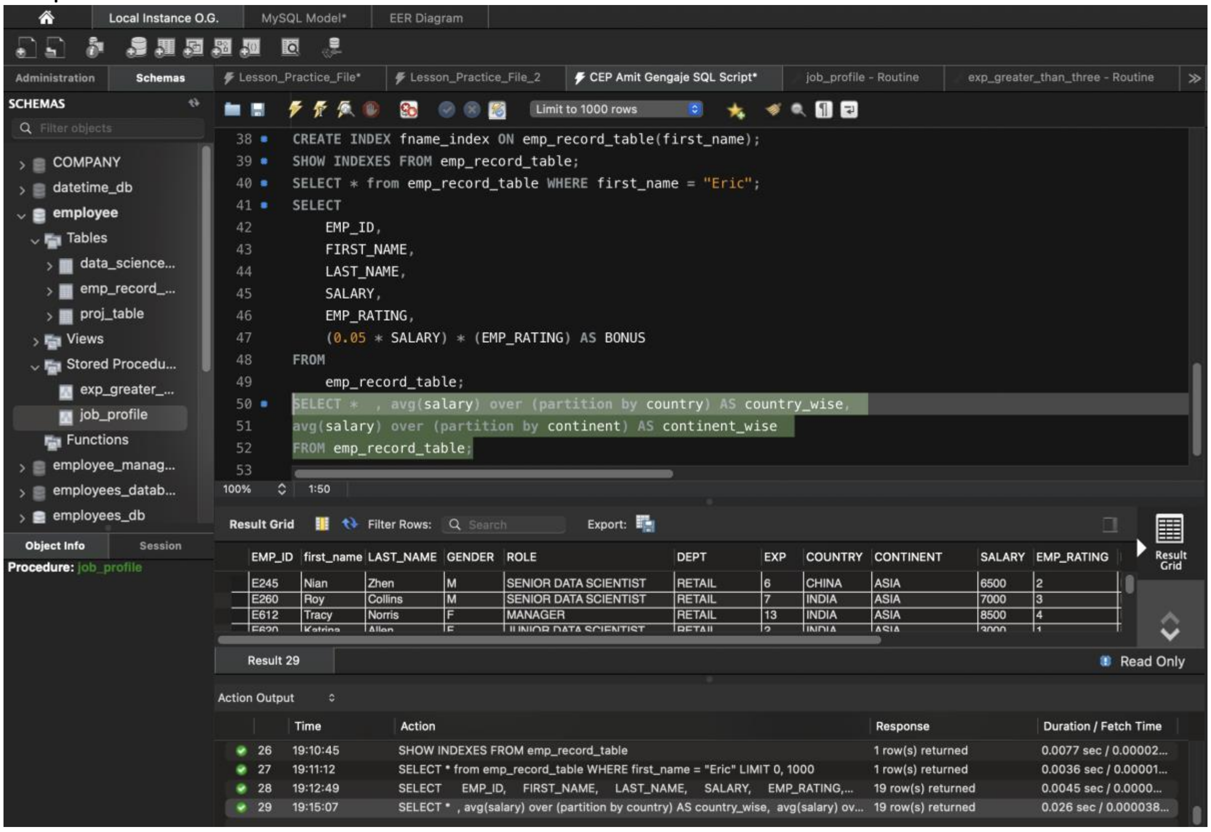


EMP_ID	FIRST_NAME	LAST_NAME	SALARY	EMP_RATING	BONUS
E001	Arthur	Black	16500	5	4125.00
E005	Eric	Hoffman	8500	3	1275.00
E010	William	Butler	9000	2	900.00
E052	Dianna	Wilson	5500	5	1375.00
E057	Dorothy	Wilson	7700	1	385.00
E083	Patrick	Voltz	9500	5	2375.00
E103	Emily	Grove	10500	4	2100.00
E204	Karene	Nowak	7500	5	1875.00
E245	Nian	Zhen	6500	2	650.00
E260	Roy	Collins	7000	3	1050.00
E403	Steve	Hoffman	5000	3	750.00
E428	Pete	Allen	11000	4	2200.00
E478	David	Smith	4000	4	800.00
E505	Chad	Wilson	5000	2	500.00
E532	Claire	Brennan	4300	1	215.00
E583	Janet	Hale	10000	2	1000.00
E612	Tracy	Norris	8500	4	1700.00
E620	Katrina	Allen	3000	1	150.00
E640	Jenifer	Jhones	2800	4	560.00

17. Input SQL Query:

```
SELECT *  , avg(salary) over (partition by country) AS country_wise,
avg(salary) over (partition by continent) AS continent_wise
FROM emp_record_table;
```

Output:

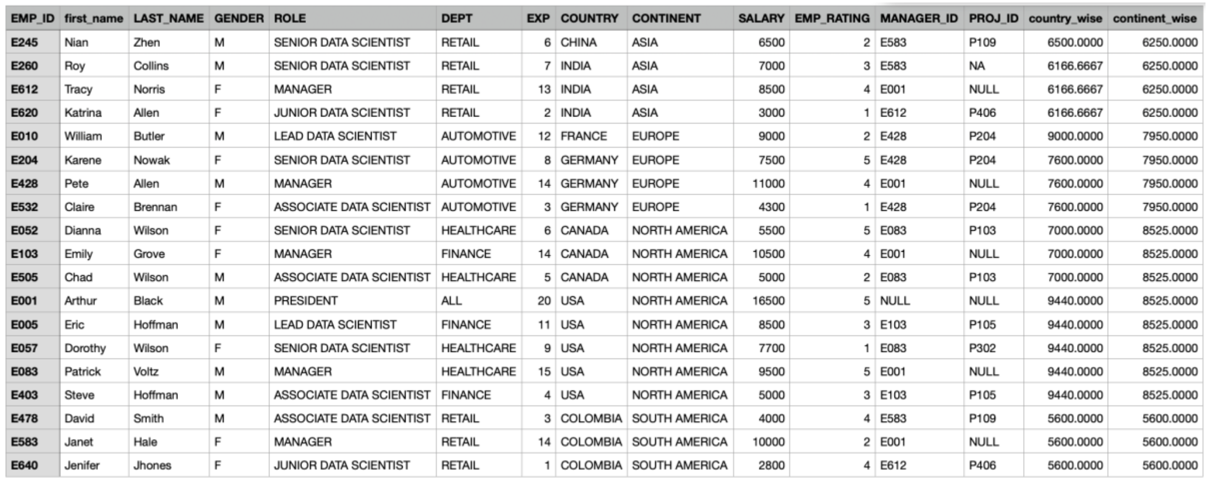


```
CREATE INDEX fname_index ON emp_record_table(first_name);
SHOW INDEXES FROM emp_record_table;
SELECT * from emp_record_table WHERE first_name = "Eric";
SELECT
    EMP_ID,
    FIRST_NAME,
    LAST_NAME,
    SALARY,
    EMP_RATING,
    (0.05 * SALARY) * (EMP_RATING) AS BONUS
FROM
    emp_record_table;
SELECT *  , avg(salary) over (partition by country) AS country_wise,
avg(salary) over (partition by continent) AS continent_wise
FROM emp_record_table;
```

```
EMP_ID  first_name  LAST_NAME  GENDER  ROLE                   DEPT    EXP  COUNTRY  CONTINENT  SALARY  EMP_RATING
E245    Nian        Zhen       M       SENIOR DATA SCIENTIST  RETAIL  6    CHINA    ASIA       6500    2
E260    Roy         Collins    M       SENIOR DATA SCIENTIST  RETAIL  7    INDIA    ASIA       7000    3
E612    Tracy       Norris     F       MANAGER                RETAIL  13   INDIA    ASIA       8500    4
```

```
Action Output
    Time      Action                                                                          Response             Duration / Fetch Time
26  19:10:45  SHOW INDEXES FROM emp_record_table                                              1 row(s) returned    0.0077 sec / 0.00002...
27  19:11:12  SELECT * from emp_record_table WHERE first_name = "Eric" LIMIT 0, 1000           1 row(s) returned    0.0036 sec / 0.00001...
28  19:12:49  SELECT    EMP_ID,    FIRST_NAME,    LAST_NAME,    SALARY,    EMP_RATING,...      19 row(s) returned   0.0045 sec / 0.0000...
29  19:15:07  SELECT *  , avg(salary) over (partition by country) AS country_wise,  avg(salary) ov...  19 row(s) returned   0.026 sec / 0.000038...
```

Result Grid Zoom:



EMP_ID	first_name	LAST_NAME	GENDER	ROLE	DEPT	EXP	COUNTRY	CONTINENT	SALARY	EMP_RATING	MANAGER_ID	PROJ_ID	country_wise	continent_wise
E245	Nian	Zhen	M	SENIOR DATA SCIENTIST	RETAIL	6	CHINA	ASIA	6500	2	E583	P109	6500.0000	6250.0000
E260	Roy	Collins	M	SENIOR DATA SCIENTIST	RETAIL	7	INDIA	ASIA	7000	3	E583	NA	6166.6667	6250.0000
E612	Tracy	Norris	F	MANAGER	RETAIL	13	INDIA	ASIA	8500	4	E001	NULL	6166.6667	6250.0000
E620	Katrina	Allen	F	JUNIOR DATA SCIENTIST	RETAIL	2	INDIA	ASIA	3000	1	E612	P406	6166.6667	6250.0000
E010	William	Butler	M	LEAD DATA SCIENTIST	AUTOMOTIVE	12	FRANCE	EUROPE	9000	2	E428	P204	9000.0000	7950.0000
E204	Karene	Nowak	F	SENIOR DATA SCIENTIST	AUTOMOTIVE	8	GERMANY	EUROPE	7500	5	E428	P204	7600.0000	7950.0000
E428	Pete	Allen	M	MANAGER	AUTOMOTIVE	14	GERMANY	EUROPE	11000	4	E001	NULL	7600.0000	7950.0000
E532	Claire	Brennan	F	ASSOCIATE DATA SCIENTIST	AUTOMOTIVE	3	GERMANY	EUROPE	4300	1	E428	P204	7600.0000	7950.0000
E052	Dianna	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	6	CANADA	NORTH AMERICA	5500	5	E083	P103	7000.0000	8525.0000
E103	Emily	Grove	F	MANAGER	FINANCE	14	CANADA	NORTH AMERICA	10500	4	E001	NULL	7000.0000	8525.0000
E505	Chad	Wilson	M	ASSOCIATE DATA SCIENTIST	HEALTHCARE	5	CANADA	NORTH AMERICA	5000	2	E083	P103	7000.0000	8525.0000
E001	Arthur	Black	M	PRESIDENT	ALL	20	USA	NORTH AMERICA	16500	5	NULL	NULL	9440.0000	8525.0000
E005	Eric	Hoffman	M	LEAD DATA SCIENTIST	FINANCE	11	USA	NORTH AMERICA	8500	3	E103	P105	9440.0000	8525.0000
E057	Dorothy	Wilson	F	SENIOR DATA SCIENTIST	HEALTHCARE	9	USA	NORTH AMERICA	7700	1	E083	P302	9440.0000	8525.0000
E083	Patrick	Voltz	M	MANAGER	HEALTHCARE	15	USA	NORTH AMERICA	9500	5	E001	NULL	9440.0000	8525.0000
E403	Steve	Hoffman	M	ASSOCIATE DATA SCIENTIST	FINANCE	4	USA	NORTH AMERICA	5000	3	E103	P105	9440.0000	8525.0000
E478	David	Smith	M	ASSOCIATE DATA SCIENTIST	RETAIL	3	COLOMBIA	SOUTH AMERICA	4000	4	E583	P109	5600.0000	5600.0000
E583	Janet	Hale	F	MANAGER	RETAIL	14	COLOMBIA	SOUTH AMERICA	10000	2	E001	NULL	5600.0000	5600.0000
E640	Jenifer	Jhones	F	JUNIOR DATA SCIENTIST	RETAIL	1	COLOMBIA	SOUTH AMERICA	2800	4	E612	P406	5600.0000	5600.0000