

Local instance MySQL80 x

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Navigator: Query 1 x

SCHEMAS

Filter objects

- employee
- new_schema
 - Tables
 - data_science_team
 - emp_record_table
 - proj_table1
 - Views
 - Stored Procedures
 - get_emp_record_table
 - Functions
- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
-- 3 Write a query to fetch EMP_ID, FIRST_NAME, LAST_NAME, GENDER, and DEPARTMENT from t
1
2
3 • select FIRST_NAME, LAST_NAME, DEPT from emp_record_table;
4
5 -- 4 Write a query to fetch EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPARTMENT, and EMP_RA
6 -- less than two
7 -- greater than four
8 -- between two and four
```

Result Grid

FIRST_NAME	LAST_NAME	DEPT
Arthur	Black	ALL
Eric	Hoffman	FINANCE
William	Butler	AUTOMOTIVE
Dianna	Wilson	HEALTHCARE
Dorothy	Wilson	HEALTHCARE
Patrick	Voltz	HEALTHCARE
Emily	Grove	FINANCE
Karene	Nowak	AUTOMOTIVE
Nian	Zhen	RETAIL
Roy	Collins	RETAIL

emp_record_table 59 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
60	23:42:34	select EMP_ID,COUNTRY,SALARY from emp_record_table where SALARY>6000 LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
61	23:42:34	select Emp_ID,EXP from emp_record_table where EXP>10 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
62	23:42:34	call get_emp_record_table()	8 row(s) returned	0.000 sec / 0.000 sec
63	23:42:34	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINENT...	7 row(s) returned	0.000 sec / 0.000 sec
64	23:42:34	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1

Limit to 1000 rows

```
-- 4 Write a query to fetch EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPARTMENT, and EMP_RATING  
-- less than two  
-- greater than four  
-- between two and four  
  
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 <= 4;
```

Result Grid

EMP_ID	FIRST_NAME	LAST_NAME	GENDER	DEPT	EMP_RATING
E005	Eric	Hoffman	M	FINANCE	3
E010	William	Butler	M	AUTOMOTIVE	2
E057	Dorothy	Wilson	F	HEALTHCARE	1
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

emp_record_table 60

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
61	23:42:34	select EMP_ID, EMP_RATING from emp_record_table where EMP_RATING > 10 LIMIT 0, 1000	8 row(s) returned	0.000 sec / 0.000 sec
62	23:42:34	call get_emp_record_table()	8 row(s) returned	0.000 sec / 0.000 sec
63	23:42:34	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINENT...	7 row(s) returned	0.000 sec / 0.000 sec
64	23:42:34	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05 * salary * emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1

Limit to 1000 rows

```
-- 5 Write a query to concatenate the FIRST_NAME and the LAST_NAME of employees in the
-- Finance department from the employee table and then give
-- the resultant column alias as NAME

select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias
from emp_record_table where DEPT="Finance";

-- Write a query to list only those employees who have someone reporting to them. Also, s
```

Result Grid

FIRST_NAME	LAST_NAME	alias
Eric	Hoffman	ErichHoffman
Emily	Grove	EmilyGrove
Steve	Hoffman	SteveHoffman

Result Grid

Form Editor

Field Types

SQLAdditions

Jump to

Result 61

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
62	23:42:34	call get_emp_record_table()	8 row(s) returned	0.000 sec / 0.000 sec
63	23:42:34	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINENT...	7 row(s) returned	0.000 sec / 0.000 sec
64	23:42:34	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec
67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
-- Write a query to list only those employees who have someone reporting to them.
-- Also, show the number of reporters (including the President)

SELECT DISTINCT emp_id, role FROM emp_record_table
WHERE emp_id IN (SELECT manager_id FROM emp_record_table);

-- 6 Write a query to list down all the employees from the healthcare and finance departm
```

Result Grid

emp_id	role
E001	PRESIDENT
E083	MANAGER
E103	MANAGER
E428	MANAGER
E583	MANAGER
E612	MANAGER

emp_record_table 62 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
63	23:42:34	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINENT...	7 row(s) returned	0.000 sec / 0.000 sec
64	23:42:34	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec
67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec
68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
-- 6 Write a query to list down all the employees from the healthcare and
-- finance departments using union. Take data from the employee record table.

select EMP_ID,DEPT from emp_record_table where DEPT="Healthcare"
union
select EMP_ID,DEPT from emp_record_table where DEPT="Finance";

-- 7 Write a query to list down employee details such as EMP_ID, FIRST_NAME, LAST_NAME, F
```

Result Grid

EMP_ID	DEPT
E052	HEALTHCARE
E057	HEALTHCARE
E083	HEALTHCARE
E505	HEALTHCARE
E005	FINANCE
E103	FINANCE
E403	FINANCE

Result 63 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
64	23:42:34	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec
67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec
68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec
69	00:13:51	select EMP_ID, DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID, DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec

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SCHEMAS

Filter objects

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 - Functions
- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1

Limit to 1000 rows

```
-- 7 Write a query to list down employee details such as EMP_ID, FIRST_NAME, LAST_NAME,
-- ROLE, DEPARTMENT, and EMP_RATING grouped by dept. Also include the respective
-- employee rating along with the max emp rating for the department.

SELECT EMP_ID, FIRST_NAME, LAST_NAME, ROLE, DEPT, EMP_RATING,
       (SELECT MAX(EMP_RATING) FROM emp_record_table WHERE DEPT = DEPT) AS max_emp_rating
FROM emp_record_table;
```

Result Grid

EMP_ID	FIRST_NAME	LAST_NAME	ROLE	DEPT	EMP_RATING	max_emp_rating
E001	Arthur	Black	PRESIDENT	ALL	5	5
E005	Eric	Hoffman	LEAD DATA SCIENTIST	FINANCE	3	5
E010	William	Butler	LEAD DATA SCIENTIST	AUTOMOTIVE	2	5
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
E103	Emily	Grove	MANAGER	FINANCE	4	5
E204	Karene	Nowak	SENIOR DATA SCIENTIST	AUTOMOTIVE	5	5
E245	Nian	Zhen	SENIOR DATA SCIENTIST	RETAIL	2	5

Result 64

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec
67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec
68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec
69	00:13:51	select EMP_ID, DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID, DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec
70	00:15:08	SELECT EMP_ID, FIRST_NAME, LAST_NAME, ROLE, DEPT, EMP_RATING, (SELECT MAX(EMP_RATING)...	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Navigator

SCHEMAS

Filter objects

- employee
- new_schema
 - Tables
 - data_science_team
 - emp_record_table
 - proj_table1
 - Views
 - Stored Procedures
 - get_emp_record_table
 - Functions
- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1

Limit to 1000 rows

```
-- 8 Write a query to calculate the minimum and the maximum salary of the employee
-- in each role. Take data from the employee record table

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

Result Grid

EMP_ID	FIRST_NAME	LAST_NAME	ROLE	DEPT	EMP_RATING	max_emp_rating
E001	Arthur	Black	PRESIDENT	ALL	5	5
E005	Eric	Hoffman	LEAD DATA SCIENTIST	FINANCE	3	5
E010	William	Butler	LEAD DATA SCIENTIST	AUTOMOTIVE	2	5
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
E103	Emily	Grove	MANAGER	FINANCE	4	5
E204	Karene	Nowak	SENIOR DATA SCIENTIST	AUTOMOTIVE	5	5
E245	Nian	Zhen	SENIOR DATA SCIENTIST	RETAIL	2	5

Result 64

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
65	00:01:06	select FIRST_NAME, LAST_NAME, DEPT from emp_record_table LIMIT 0, 1000	19 row(s) returned	0.000 sec / 0.000 sec
66	00:09:43	select EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPT, EMP_RATING from emp_record_table where E...	15 row(s) returned	0.000 sec / 0.000 sec
67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec
68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec
69	00:13:51	select EMP_ID, DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID, DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec
70	00:15:08	SELECT EMP_ID, FIRST_NAME, LAST_NAME, ROLE, DEPT, EMP_RATING, (SELECT MAX(EMP_RATING...	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Navigator

SCHEMAS

Filter objects

employee

new_schema

Tables

data_science_team

emp_record_table

proj_table1

Views

Stored Procedures

get_emp_record_table

Functions

new_schema1

sys

tables

Administration Schemas

Information

Procedure:
get_emp_record_table

Object Info Session

Query 1

Limit to 1000 rows

48

49 -- 9 Write a query to calculate the minimum and the maximum salary of the employees in

50 -- each role. Take data from the employee record table

51

52 • SELECT distinct role,

53 (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary,

54 (SELECT MAX(salary) FROM emp_record_table WHERE role = role) AS max_salary

55 FROM emp_record_table;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

Form Editor

Field Types

Result 65

Read Only

Context Help

Snippets

Output

Action Output

Time Action Message Duration / Fetch

66 00:09:43 select EMP_ID,FIRST_NAME,LAST_NAME,GENDER,DEPT,EMP_RATING from emp_record_table where E... 15 row(s) returned 0.000 sec / 0.000 sec

67 00:12:00 select FIRST_NAME,LAST_NAME,concat(FIRST_NAME,LAST_NAME) as alias from emp_record_table whe... 3 row(s) returned 0.000 sec / 0.000 sec

68 00:12:39 SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e... 6 row(s) returned 0.000 sec / 0.000 sec

69 00:13:51 select EMP_ID,DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID,DEPT from em... 7 row(s) returned 0.000 sec / 0.000 sec

70 00:15:08 SELECT EMP_ID,FIRST_NAME,LAST_NAME,ROLE,DEPT,EMP_RATING, (SELECT MAX(EMP_RATING... 19 row(s) returned 0.000 sec / 0.000 sec

71 00:15:58 SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ... 6 row(s) returned 0.016 sec / 0.000 sec

Query Completed

SQLAdditions

SELECT

SELECT Syntax:

1 is used to retrieve rows selected from one or more tables, and can include 1 statements and subqueries. See 1, and 1. A 1 statement can start with a 1 clause to define common table expressions accessible within the 1. See 1.

The most commonly used clauses of 1 statements are these:

- Each **select_expr** indicates a column that you want to retrieve. There must be at least one **select_expr**.
- table_references** indicates the table or tables from which to retrieve rows. Its syntax is described in 1.
- SELECT** supports explicit partition selection using the **PARTITION** with a list of partitions or subpartitions (or both) following the name of the table in a **table_reference** (see 1). In this case, rows are selected only from the partitions listed, and any other partitions of the table are ignored. For more information and examples, see 1.
- SELECT ... PARTITION** from tables using storage engines such as **MyISAM** that perform table-level locks (and thus partition locks) lock only the partitions or subpartitions named by the **PARTITION** option.

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Navigator: Query 1 x

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
57
58 -- 10 Write a query to assign ranks to each employee based on their experience. Take
59 -- data from the employee record table.
60
61 • select emp_id,rank() over(order by EXP) EXP from emp_record_table;
62
63 -- 11 Write a query to create a view that displays employees in various countries whose s
64
```

Result Grid

emp_id	EXP
E640	1
E620	2
E478	3
E532	3
E403	5
E505	6
E052	7
E245	7
E260	9
E204	10

Result 66 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 67	00:12:00	select FIRST_NAME, LAST_NAME, concat(FIRST_NAME, LAST_NAME) as alias from emp_record_table whe...	3 row(s) returned	0.000 sec / 0.000 sec
✓ 68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec
✓ 69	00:13:51	select EMP_ID, DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID, DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec
✓ 70	00:15:08	SELECT EMP_ID, FIRST_NAME, LAST_NAME, ROLE, DEPT, EMP_RATING, (SELECT MAX(EMP_RATING...	19 row(s) returned	0.000 sec / 0.000 sec
✓ 71	00:15:58	SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ...	6 row(s) returned	0.016 sec / 0.000 sec
✓ 72	00:16:42	select emp_id, rank() over(order by EXP) EXP from emp_record_table	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
61 • select emp_id,rank() over(order by EXP) EXP from emp_record_table;
62
63 -- 11 Write a query to create a view that displays employees in various countries whose
64 -- salary is more than six thousand. Take data from the employee record table.
65
66 • select EMP_ID,COUNTRY,SALARY from emp_record_table where SALARY>6000;
67
68 -- 12 Write a nested query to find employees with experience of more than ten years. Take
```

Result Grid

EMP_ID	COUNTRY	SALARY
E001	USA	16500
E005	USA	8500
E010	FRANCE	9000
E057	USA	7700
E083	USA	9500
E103	CANADA	10500
E204	GERMANY	7500
E245	CHINA	6500
E260	INDIA	7000
E428	GERMANY	11000

emp_record_table 67 x

Read Only Context Help Snippets

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Action Output

#	Time	Action	Message	Duration / Fetch
68	00:12:39	SELECT DISTINCT emp_id, role FROM emp_record_table WHERE emp_id IN (SELECT manager_id FROM e...	6 row(s) returned	0.000 sec / 0.000 sec
69	00:13:51	select EMP_ID,DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID,DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec
70	00:15:08	SELECT EMP_ID,FIRST_NAME,LAST_NAME,ROLE,DEPT,EMP_RATING, (SELECT MAX(EMP_RATING...	19 row(s) returned	0.000 sec / 0.000 sec
71	00:15:58	SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ...	6 row(s) returned	0.016 sec / 0.000 sec
72	00:16:42	select emp_id,rank() over(order by EXP) EXP from emp_record_table	19 row(s) returned	0.000 sec / 0.000 sec
73	00:17:04	select EMP_ID,COUNTRY,SALARY from emp_record_table where SALARY>6000 LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Navigator: Query 1 x

SCHEMAS

Filter objects

- employee
- new_schema
 - Tables
 - data_science_team
 - emp_record_table
 - proj_table1
 - Views
 - Stored Procedures
 - get_emp_record_table
 - Functions
- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
67
68 -- 12 Write a nested query to find employees with experience of more than ten years.
69 -- Take data from the employee record table
70
71 • select Emp_ID,EXP from emp_record_table where EXP>10;
72
73 -- 13 Write a query to create a stored procedure to retrieve the details of the employee
74
```

Result Grid

EmP_ID	EXP
E005	11
E010	12
E612	13
E103	14
E428	14
E583	14
E083	15
E001	20

emp_record_table 68 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 69	00:13:51	select EMP_ID,DEPT from emp_record_table where DEPT="Healthcare" union select EMP_ID,DEPT from em...	7 row(s) returned	0.000 sec / 0.000 sec
✓ 70	00:15:08	SELECT EMP_ID,FIRST_NAME,LAST_NAME,ROLE,DEPT,EMP_RATING, (SELECT MAX(EMP_RATING...	19 row(s) returned	0.000 sec / 0.000 sec
✓ 71	00:15:58	SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ...	6 row(s) returned	0.016 sec / 0.000 sec
✓ 72	00:16:42	select emp_id,rank() over(order by EXP) EXP from emp_record_table	19 row(s) returned	0.000 sec / 0.000 sec
✓ 73	00:17:04	select EMP_ID,COUNTRY,SALARY from emp_record_table where SALARY>6000 LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 74	00:17:29	select Emp_ID,EXP from emp_record_table where EXP>10 LIMIT 0, 1000	8 row(s) returned	0.016 sec / 0.000 sec

Query Completed

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Navigator: Query 1 x

SCHEMAS

Filter objects

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- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x

Limit to 1000 rows

```
72
73 -- 13 Write a query to create a stored procedure to retrieve the details of the
74 -- employees whose experience is more than three years. Take data from the employee
75 -- record table.
76
77 • call get_emp_record_table();
78
79 -- 16 Write a query to calculate the bonus for all the employees, based on their ratings
```

Result Grid

EmP_ID	EXP
E005	11
E010	12
E612	13
E103	14
E428	14
E583	14
E083	15
E001	20

emp_record_table 68 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Query Completed

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Navigator

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Administration Schemas

Information

Procedure:
get_emp_record_table

Query 1 get_emp_record_table - Routine

Name: get_emp_record_table

DDL:

```
1 CREATE DEFINER='root'@'localhost' PROCEDURE `get_emp_record_table`()
2 BEGIN
3 select * from emp_record_table where EXP>10;
4
5 END
```

SQLAdditions

SELECT

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
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74	00:17:29	select Emp_ID,EXP from emp_record_table where EXP>10 LIMIT 0, 1000	8 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Query Completed

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Navigator

SCHEMAS

Filter objects

- employee
- new_schema
 - Tables
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- new_schema1
- sys
- tables

Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x get_emp_record_table - Routine

Limit to 1000 rows

```
77 • call get_emp_record_table();
78
79 -- 16 Write a query to calculate the bonus for all the employees, based on their
80 -- ratings and salaries (Use the formula: 5% of salary * employee rating)
81
82 • select round(avg(salary)) as avg_sal, country, continent
83 from emp_record_table group by country, CONTINENT;
84
```

Result Grid

	avg_sal	country	continent
▶	9440	USA	NORTH AMERICA
	9000	FRANCE	EUROPE
	7000	CANADA	NORTH AMERICA
	7600	GERMANY	EUROPE
	6500	CHINA	ASIA
	6167	INDIA	ASIA
	5600	COLOMBIA	SOUTH AMERICA

Result 69 x

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 70	00:15:08	SELECT EMP_ID,FIRST_NAME,LAST_NAME,ROLE,DEPT,EMP_RATING, (SELECT MAX(EMP_RATING...	19 row(s) returned	0.000 sec / 0.000 sec
✓ 71	00:15:58	SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ...	6 row(s) returned	0.016 sec / 0.000 sec
✓ 72	00:16:42	select emp_id,rank() over(order by EXP) EXP from emp_record_table	19 row(s) returned	0.000 sec / 0.000 sec
✓ 73	00:17:04	select EMP_ID,COUNTRY,SALARY from emp_record_table where SALARY>6000 LIMIT 0, 1000	12 row(s) returned	0.000 sec / 0.000 sec
✓ 74	00:17:29	select EmP_ID,EXP from emp_record_table where EXP>10 LIMIT 0, 1000	8 row(s) returned	0.016 sec / 0.000 sec
✓ 75	00:18:33	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINEN...	7 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Navigator

SCHEMAS

Filter objects

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Administration Schemas

Information

Procedure: get_emp_record_table

Object Info Session

Query 1 x get_emp_record_table - Routine

Limit to 1000 rows

```
84
85 -- 17 Write a query to calculate the average salary distribution based on the
86 -- continent and country. Take data from the employee record table.
87
88 • select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_ra
89 as bonus from emp_record_table order by bonus;
90
91
```

Result Grid

emp_id	first_name	last_name	role	exp	salary	emp_rating	bonus
E620	Katrina	Allen	JUNIOR DATA SCIENTIST	2	3000	1	150.00
E532	Claire	Brennan	ASSOCIATE DATA SCIENTIST	3	4300	1	215.00
E057	Dorothy	Wilson	SENIOR DATA SCIENTIST	9	7700	1	385.00
E505	Chad	Wilson	ASSOCIATE DATA SCIENTIST	5	5000	2	500.00
E640	Jenifer	Jhones	JUNIOR DATA SCIENTIST	1	2800	4	560.00
E245	Nian	Zhen	SENIOR DATA SCIENTIST	6	6500	2	650.00
E403	Steve	Hoffman	ASSOCIATE DATA SCIENTIST	4	5000	3	750.00
E478	David	Smith	ASSOCIATE DATA SCIENTIST	3	4000	4	800.00
E010	William	Butler	LEAD DATA SCIENTIST	12	9000	2	900.00
E583	Janet	Hale	MANAGER	14	10000	2	1000.00

Result 70 x

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Output

Action Output

#	Time	Action	Message	Duration / Fetch
71	00:15:58	SELECT distinct role, (SELECT MIN(salary) FROM emp_record_table WHERE role = role) AS min_salary, ...	6 row(s) returned	0.016 sec / 0.000 sec
72	00:16:42	select emp_id,rank() over(order by EXP) EXP from emp_record_table	19 row(s) returned	0.000 sec / 0.000 sec
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74	00:17:29	select EMP_ID,EXP from emp_record_table where EXP>10 LIMIT 0, 1000	8 row(s) returned	0.016 sec / 0.000 sec
75	00:18:33	select round(avg(salary)) as avg_sal, country, continent from emp_record_table group by country, CONTINEN...	7 row(s) returned	0.000 sec / 0.000 sec
76	00:19:07	select emp_id, first_name, last_name, role, exp, salary, emp_rating, 0.05* salary* emp_rating as bonus from emp...	19 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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