

DB Browser for SQLite - C:\Users\jenovo\Downloads\analysis_task3.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Undo Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragma Execute SQL

SQL 1*

```
1 SELECT name, department, salary
2 FROM employees
3 WHERE salary > 50000
4 ORDER BY salary DESC;
5
```

	name	department	salary
1	David	Engineering	90000
2	Bob	Engineering	80000
3	Frank	Engineering	72000
4	Grace	Marketing	67000
5	Alice	HR	60000
6	Charlie	Marketing	55000

Execution finished without errors.
Result: 6 rows returned in 17ms
At line 1:
SELECT name, department, salary
FROM employees
WHERE salary > 50000
ORDER BY salary DESC;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

Remote

Identity Select an identity to connect

Upload

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SQL Log Plot DB Schema Remote

UTT-8

ENG 17:06

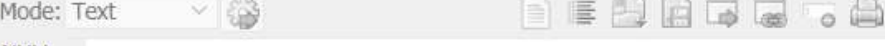


SQL 1*

```
1 -- b. GROUP BY with aggregates
2 SELECT department, AVG(salary) AS a
3 FROM employees
4 GROUP BY department;
5
```

	department	avg_salary
1	Engineering	80666.66666666667
2	HR	52500.0
3	Marketing	61000.0

Execution finished without errors.
Result: 3 rows returned in 16ms
At line 1:
-- b. GROUP BY with aggregates
SELECT department, AVG(salary) AS
avg_salary
FROM employees
GROUP BY department;



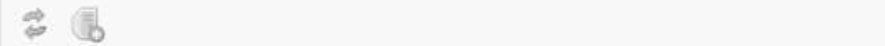
Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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SQL 1*

```
1  -- c. INNER JOIN
2  SELECT e.name, d.department_name
3  FROM employees e
4  INNER JOIN departments d ON e.depar
5
6
```

	name	department_name
1	Alice	HR
2	Bob	Engineering
3	Charlie	Marketing
4	David	Engineering
5	Eva	HR
6	Frank	Engineering
7	Grace	Marketing

Execution finished without errors.
Result: 7 rows returned in 12ms
At line 1:
-- c. INNER JOIN
SELECT e.name, d.department_name
FROM employees e
INNER JOIN departments d ON
e.department_id = d.id;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

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SQL LogPlotDB SchemaRemote

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SQL 1*

```
1 -- d. LEFT JOIN + NULL check
2 SELECT e.name, p.project_name
3 FROM employees e
4 LEFT JOIN projects p ON e.id = p.employee_id
5 WHERE p.project_name IS NULL;
6
```

	name	project_name
1	Charlie	NULL
2	Eva	NULL
3	Frank	NULL

Execution finished without errors.
Result: 3 rows returned in 25ms
At line 1:
-- d. LEFT JOIN + NULL check
SELECT e.name, p.project_name
FROM employees e
LEFT JOIN projects p ON e.id =
p.employee_id
WHERE p.project_name IS NULL;

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Identity Select an identity to connect

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StructureBrowse DataEdit PragmasExecute SQL

SQL 1*

1-- e. Subquery

2SELECT name, salary

3FROM employees

4WHERE salary > (SELECT AVG(salary)

5

6

	name	salary
1	Bob	80000
2	David	90000
3	Frank	72000

Execution finished without errors.

Result: 3 rows returned in 11ms

At line 1:

-- e. Subquery

SELECT name, salary

FROM employees

WHERE salary > (SELECT AVG(salary) FROM employees);

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

Remote

IdentitySelect an identity to connectUpload

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NameLast modifiedSize

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SQL 1*

```
1 SELECT * FROM avg_salary_department
2
3
4
```

	department	avg_salary
1	Engineering	80666.66666666667
2	HR	52500.0
3	Marketing	61000.0

Execution finished without errors.
Result: 3 rows returned in 14ms
At line 1:
SELECT * FROM avg_salary_department;

NULL

No cell active.
Type: NULL; Size: 0 bytes

Identity Select an identity to connect



Name	Last modified	Size
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```
1 SELECT * FROM employee_projects;
2
```

	name	project_name	start_date
1	Alice	Project A	2024-01-10
2	Bob	Project B	2024-02-15
3	David	Project C	2024-03-20
4	Grace	Project D	2024-04-01

Execution finished without errors.
Result: 4 rows returned in 15ms
At line 1:
SELECT * FROM employee_projects;

NULL

No cell active.
Type: NULL; Size: 0 bytes

Identity Select an identity to connect

Name	Last modified	Size
------	---------------	------

```
1 SELECT * FROM unassigned_employees;
2
```

	name
1	Charlie
2	Eva
3	Frank

Execution finished without errors.
Result: 3 rows returned in 11ms
At line 1:
SELECT * FROM unassigned_employees;

NULL

No cell active.
Type: NULL; Size: 0 bytes

Identity Select an identity to connect

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SQL 1*

```
1 SELECT * FROM unassigned_employees;
2
```

	name
1	Charlie
2	Eva
3	Frank

Execution finished without errors.
Result: 3 rows returned in 11ms
At line 1:
SELECT * FROM unassigned_employees;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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Name	Last modified	Size
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```
1 SELECT * FROM department_size;
2
```

	department	total_employees
1	Engineering	3
2	HR	2
3	Marketing	2

Execution finished without errors.
Result: 3 rows returned in 12ms
At line 1:
SELECT * FROM department_size;

NULL

No cell active.
Type: NULL; Size: 0 bytes

Identity Select an identity to connect

Name	Last modified	Size
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New Database Open Database Write Changes Revert Changes Open Project Attach Database

Execute SQL

SQL 1*

```
1 SELECT * FROM high_earners;
2
```

	name	department	salary
1	Frank	Engineering	72000
2	Bob	Engineering	80000
3	David	Engineering	90000

Execution finished without errors.
Result: 3 rows returned in 14ms
At line 1:
SELECT * FROM high_earners;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

Remote

Identity Select an identity to connect

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DBHub.io Local Current Database

Name	Last modified	Size
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