

vikas x

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

a

b

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emp

phonepe1

Tables

Views

Stored Procedures

Functions

prac

sakila

sftes1

sftes2

sftes3

stu

student

sys

today

today2

vikas22

vikasap

vikasnewera

world

Query 1 x

Limit to 1000 rows

2

3

4

5

6

7

8

9

10

11

12

SELECT m.state, m.district, m.amount, u.app_opens

FROM map_map m

JOIN map_user u

ON m.state = u.state

AND m.district = u.district

AND m.year = u.year

AND m.quarter = u.quarter

WHERE u.app_opens < 1000

AND m.amount > 10000000

ORDER BY m.amount DESC

Result Grid

Filter Rows:

Export:

Wrap Cell Content: IA

Fetch rows:

| state | district | amount | app_opens |
|-----------|--------------------------|-------------|-----------|
| karnataka | bengaluru urban district | 82111200000 | 0 |
| karnataka | bengaluru urban district | 82111200000 | 0 |
| karnataka | bengaluru urban district | 82111200000 | 0 |
| karnataka | bengaluru urban district | 82111200000 | 0 |
| karnataka | bengaluru urban district | 82111200000 | 0 |

Result 2 x

Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|---|-----------------------|
| 1 | 09:55:28 | USE phonepe1 | Error Code: 1049. Unknown database 'phonepe1' | 0.000 sec |
| 2 | 09:55:35 | USE phonepe1 | 0 row(s) affected | 0.000 sec |
| 3 | 09:55:55 | SELECT state, brand, brand_count, RANK() OVER (PARTITION BY state ORDER BY brand_count DES... | 87516 row(s) returned | 1.672 sec / 1.234 sec |
| 4 | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = u.s... | 1000 row(s) returned | 1.672 sec / 0.031 sec |

No object selected

vikas

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Query 1

Limit to 1000 rows

```
2
3 • SELECT state,
4       SUM(amount) AS insurance_total,
5       SUM(app_opens) AS app_opens,
6       ROUND(SUM(amount)/NULLIF(SUM(app_opens), 0), 2) AS insurance_efficiency
7 FROM map_insurance
8 JOIN map_user USING(state, year, quarter, district)
9 GROUP BY state
10 HAVING insurance_efficiency IS NOT NULL
11 ORDER BY insurance_efficiency DESC
12 LIMIT 10;
```

Result Grid

Filter Rows:

Export:

Wrap Cell Contents:

Fetch rows:

| state | insurance_total | app_opens | insurance_efficiency |
|------------|-----------------|--------------|----------------------|
| kerala | 105097390400 | 307366417840 | 0.34 |
| puducherry | 2969668240 | 13419159680 | 0.22 |
| chandigarh | 2662870800 | 12497903680 | 0.21 |
| delhi | 65228468480 | 343123766000 | 0.19 |
| goa | 6698400400 | 40702830320 | 0.16 |

Result 3

Read Only

AdministrationSchemas

Information

No object selected

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|---|------------------------|
| 1 | 09:55:28 | USE phonepe1 | Error Code: 1049. Unknown database 'phonepe1' | 0.000 sec |
| 2 | 09:55:35 | USE phonepe1 | 0 row(s) affected | 0.000 sec |
| 3 | 09:55:55 | SELECT state, brand, brand_count, RANK() OVER (PARTITION BY state ORDER BY brand_count DE... | 87516 row(s) returned | 1.672 sec / 1.234 sec |
| 4 | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = u... | 1000 row(s) returned | 1.672 sec / 0.031 sec |
| 5 | 09:57:59 | SELECT state, SUM(amount) AS insurance_total, SUM(app_opens) AS app_opens, ROUND(... | 10 row(s) returned | 10.156 sec / 0.000 sec |

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Administration Schemas

Information

No object selected

Query 1 x

Limit to 1000 rows

2

3

4

5

6

7

8

9

10

11

12

SELECT state, year,

SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END) AS Q3_total,

SUM(CASE WHEN quarter = 4 THEN transaction_amount ELSE 0 END) AS Q4_total,

(SUM(CASE WHEN quarter = 4 THEN transaction_amount ELSE 0 END) -

SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END)) AS spike

FROM aggregated_transaction

GROUP BY state, year

HAVING Q3_total > 0 AND Q4_total > 0

ORDER BY spike DESC

LIMIT 10;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

| | state | year | Q3_total | Q4_total | spike |
|---|---------------|------|----------------|----------------|---------------|
| ▶ | uttar-pradesh | 2024 | 32609701976064 | 38569278411264 | 5959576435200 |
| | maharashtra | 2024 | 44247223001088 | 49812343136256 | 5565120135168 |
| | uttar-pradesh | 2023 | 22340979959040 | 27089294200320 | 4748314241280 |
| | maharashtra | 2023 | 33026066574336 | 37176179665920 | 4150113091584 |
| | rajasthan | 2024 | 29667093203712 | 33516592263936 | 3849499060224 |

Result 4 x

Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|--|--|------------------------|
| ✖ 1 | 09:55:28 | USE phonepe1 | ErrorCode: 1049. Unknown database 'phonepe1' | 0.000 sec |
| ✔ 2 | 09:55:35 | USE phonepe1 | 0 row(s) affected | 0.000 sec |
| ✔ 3 | 09:55:55 | SELECT state, brand, brand_count, RANK() OVER (PARTITION BY state ORDER BY brand_count DE... | 87516 row(s) returned | 1.672 sec / 1.234 sec |
| ✔ 4 | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = u... | 1000 row(s) returned | 1.672 sec / 0.031 sec |
| ✔ 5 | 09:57:59 | SELECT state, SUM(amount) AS insurance_total, SUM(app_opens) AS app_opens, ROUND(... | 10 row(s) returned | 10.156 sec / 0.000 sec |
| ✔ 6 | 09:58:49 | SELECT state, year, SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END) AS Q3_to... | 10 row(s) returned | 0.219 sec / 0.000 sec |

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Query 1 x

Limit to 1000 rows

```

1  -- 5. Transaction Diversity Score by State
2
3  SELECT state, COUNT(DISTINCT transaction_type) AS diversity_score
4  FROM aggregated_transaction
5  GROUP BY state
6  ORDER BY diversity_score DESC
7  LIMIT 10;

```

Result Grid

Filter Rows:

Export:

Wrap Cell Contents:

Fetch rows:

| state | diversity_score |
|---------------------------|-----------------|
| andaman-&-nicobar-islands | 5 |
| andhra-pradesh | 5 |
| arunachal-pradesh | 5 |
| assam | 5 |
| bihar | 5 |

Result 5 x

Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|---|--|------------------------|
| ❌ | 09:55:28 | USE phopnepe1 | Error Code: 1049. Unknown database 'phopnepe1' | 0.000 sec |
| ✅ | 09:55:35 | USE phonepe1 | 0 row(s) affected | 0.000 sec |
| ✅ | 09:55:55 | SELECT state, brand, brand_count, RANK() OVER (PARTITION BY state ORDER BY brand_count DE... | 87516 row(s) returned | 1.672 sec / 1.234 sec |
| ✅ | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = u... | 1000 row(s) returned | 1.672 sec / 0.031 sec |
| ✅ | 09:57:59 | SELECT state, SUM(amount) AS insurance_total, SUM(app_opens) AS app_opens, ROUND(... | 10 row(s) returned | 10.156 sec / 0.000 sec |
| ✅ | 09:58:49 | SELECT state, year, SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END) AS Q3_to... | 10 row(s) returned | 0.219 sec / 0.000 sec |
| ✅ | 10:02:29 | SELECT state, COUNT(DISTINCT transaction_type) AS diversity_score FROM aggregated_transaction GR... | 10 row(s) returned | 0.187 sec / 0.000 sec |

Administration

Schemas

Information

No object selected

The screenshot shows the DBeaver SQL editor interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. Below the menu is a toolbar with various icons. On the left, the Navigator pane displays a tree view of databases and schemas, with 'phonepe1' selected under the 'Schemas' section. The main editor area contains a SQL query labeled 'Query 1'. The query is as follows:

```
-- 6. Fastest Growing Insurance Districts (Quarter-over-Quarter)
SELECT district, year, quarter, SUM(amount) AS total_insurance
FROM map_insurance
GROUP BY district, year, quarter
ORDER BY district, year, quarter;
```

Below the query editor, the 'Result Grid' tab is active, displaying the following data:

| | district | year | quarter | total_insurance |
|---|-------------------|------|---------|-----------------|
| ▶ | adilabad district | 2020 | 2 | 73528 |
| | adilabad district | 2020 | 3 | 430840 |
| | adilabad district | 2020 | 4 | 560896 |
| | adilabad district | 2021 | 1 | 1186120 |
| | adilabad district | 2021 | 2 | 949528 |

At the bottom, the 'Action Output' tab is visible, showing a log of database actions and their durations.

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Query 1

Limit to 1000 rows

1-- 7. States with High Transactions but Low Diversity (Concentration Risk)

2

3SELECT state,

4SUM(transaction_amount) AS total_amount,

5COUNT(DISTINCT transaction_type) AS type_count

6FROM aggregated_transaction

7GROUP BY state

8HAVING type_count <= 2

9ORDER BY total_amount DESC

10LIMIT 10;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

state

total_amount

type_count

Result Grid

Result 7

Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|-----------------------|------------------------|
| 3 | 09:55:55 | SELECT state, brand, brand_count, RANK() OVER (PARTITION BY state ORDER BY brand_count D... | 87516 row(s) returned | 1.672 sec / 1.234 sec |
| 4 | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = ... | 1000 row(s) returned | 1.672 sec / 0.031 sec |
| 5 | 09:57:59 | SELECT state, SUM(amount) AS insurance_total, SUM(app_opens) AS app_opens, ROUN... | 10 row(s) returned | 10.156 sec / 0.000 sec |
| 6 | 09:58:49 | SELECT state, year, SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END) AS Q3_... | 10 row(s) returned | 0.219 sec / 0.000 sec |
| 7 | 10:02:29 | SELECT state, COUNT(DISTINCT transaction_type) AS diversity_score FROM aggregated_transaction G... | 10 row(s) returned | 0.187 sec / 0.000 sec |
| 8 | 10:05:00 | SELECT district, year, quarter, SUM(amount) AS total_insurance FROM map_insurance GROUP BY district... | 1000 row(s) returned | 1.203 sec / 0.000 sec |
| 9 | 10:05:51 | SELECT state, SUM(transaction_amount) AS total_amount, COUNT(DISTINCT transaction_type)... | 0 row(s) returned | 0.219 sec / 0.000 sec |

No object selected

vikas x

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Query 1 x

Limit to 1000 rows

1

-- 8. Districts with Growing App Engagement

2

• SELECT district, year, quarter, SUM(app_opens) AS total_opens

3

FROM map_user

4

GROUP BY district, year, quarter

5

HAVING total_opens > 50000

6

ORDER BY total_opens DESC

7

LIMIT 10;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

| | district | year | quarter | total_opens |
|---|--------------------------|------|---------|-------------|
| ▶ | bengaluru urban district | 2022 | 4 | 11378752910 |
| | bengaluru urban district | 2024 | 4 | 11017555960 |
| | bengaluru urban district | 2023 | 4 | 9061894870 |
| | pune district | 2024 | 4 | 8339903130 |
| | bengaluru urban district | 2021 | 4 | 8180478390 |

Result 8 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|------|----------|--|----------------------|------------------------|
| ✓ 4 | 09:56:59 | SELECT m.state, m.district, m.amount, u.app_opens FROM map_map m JOIN map_user u ON m.state = ... | 1000 row(s) returned | 1.672 sec / 0.031 sec |
| ✓ 5 | 09:57:59 | SELECT state, SUM(amount) AS insurance_total, SUM(app_opens) AS app_opens, ROUN... | 10 row(s) returned | 10.156 sec / 0.000 sec |
| ✓ 6 | 09:58:49 | SELECT state, year, SUM(CASE WHEN quarter = 3 THEN transaction_amount ELSE 0 END) AS Q3_... | 10 row(s) returned | 0.219 sec / 0.000 sec |
| ✓ 7 | 10:02:29 | SELECT state, COUNT(DISTINCT transaction_type) AS diversity_score FROM aggregated_transaction G... | 10 row(s) returned | 0.187 sec / 0.000 sec |
| ✓ 8 | 10:05:00 | SELECT district, year, quarter, SUM(amount) AS total_insurance FROM map_insurance GROUP BY district... | 1000 row(s) returned | 1.203 sec / 0.000 sec |
| ✓ 9 | 10:05:51 | SELECT state, SUM(transaction_amount) AS total_amount, COUNT(DISTINCT transaction_type)... | 0 row(s) returned | 0.219 sec / 0.000 sec |
| ✓ 10 | 10:07:34 | SELECT district, year, quarter, SUM(app_opens) AS total_opens FROM map_user GROUP BY district, year... | 10 row(s) returned | 3.500 sec / 0.000 sec |

Administration Schemas

Information

No object selected

Object Info Session