

SCHEMAS

Filter objects

- ecommerce_shipping_data
- online_sale_data**
 - Tables
 - online_sale_data
 - Views
 - Stored Procedures
 - Functions
- sakila
- sys
- world

Limit to 1000 rows

```
10 FROM online_sale_data
11 GROUP BY month(date);
12
13 -- count distinct id for volume :
14 • SELECT month(date) AS month, COUNT( DISTINCT transaction_id ) AS order_volume
15 FROM online_sale_data
16 GROUP BY month(date);
```

Result Grid Filter Rows: Exports Wrap Cell Contents

| | month | order_volume |
|---|-------|--------------|
| ▶ | 1 | 31 |
| | 2 | 29 |
| | 3 | 31 |
| | 4 | 30 |
| | 5 | 31 |
| | 6 | 30 |
| | 7 | 31 |
| | 8 | 27 |

Administration Schemas

Information

No object selected

Result 4 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|---|---------------------|---------------------|
| ✓ 1 | 23:02:03 | SELECT * FROM online_sale_data.online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.000 sec / 0.000 s |
| ✓ 2 | 23:05:01 | SELECT * FROM online_sale_data.online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.016 sec / 0.000 s |
| ✓ 3 | 23:05:30 | SELECT month(date) FROM online_sale_data GROUP BY month(date) LIMIT 0, 1000 | 8 row(s) returned | 0.000 sec / 0.000 s |
| ✓ 4 | 23:06:25 | SELECT month(date) AS month, SUM(total_revenue) AS total_monthly_revenue FROM online_sale_data GR... | 8 row(s) returned | 0.000 sec / 0.000 s |
| ✓ 5 | 23:07:03 | SELECT month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume FROM online_sale_dat... | 8 row(s) returned | 0.000 sec / 0.000 s |

Object Info Session

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```

16 GROUP BY month(date);
17
18 -- use order by for sorting :
19 • SELECT year(date) AS year, month(date) AS month, COUNT( DISTINCT transaction_id ) AS order_volume
20 FROM online_sale_data
21 GROUP BY year(date), month(date)
22 ORDER BY year ASC , month ASC;

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

| | year | month | order_volume |
|---|------|-------|--------------|
| ▶ | 2024 | 1 | 31 |
| | 2024 | 2 | 29 |
| | 2024 | 3 | 31 |
| | 2024 | 4 | 30 |
| | 2024 | 5 | 31 |
| | 2024 | 6 | 30 |
| | 2024 | 7 | 31 |
| | 2024 | 8 | 27 |

Administration | **Schemas**

Information

No object selected

Result 5 x Read Only

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|---|---------------------|-----------------------|
| ✓ 1 | 23:02:03 | SELECT * FROM online_sale_data online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 2 | 23:05:01 | SELECT * FROM online_sale_data online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.016 sec / 0.000 sec |
| ✓ 3 | 23:05:30 | SELECT month(date) FROM online_sale_data GROUP BY month(date) LIMIT 0, 1000 | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 4 | 23:06:25 | SELECT month(date) AS month, SUM(total_revenue) AS total_monthly_revenue FROM online_sale_data GR... | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 5 | 23:07:03 | SELECT month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume FROM online_sale_dat... | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 6 | 23:07:28 | SELECT year(date) AS year, month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume FR... | 8 row(s) returned | 0.000 sec / 0.000 sec |

Object Info | Session

SCHEMAS

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```

7
8  -- use sum() for revenue :
9  • SELECT month(date) AS month, SUM(total_revenue) AS total_monthly_revenue
10 FROM online_sale_data
11 GROUP BY month(date);
12
13  -- count distinct id for volume :

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

| | month | total_monthly_revenue |
|---|-------|-----------------------|
| 1 | 1 | 14548.319999999992 |
| 2 | 2 | 10803.369999999999 |
| 3 | 3 | 12849.239999999996 |
| 4 | 4 | 12451.689999999995 |
| 5 | 5 | 8455.49 |
| 6 | 6 | 7384.549999999998 |
| 7 | 7 | 6797.08 |
| 8 | 8 | 7278.109999999999 |

Administration | **Schemas**

Information

No object selected

Result 3 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|---------------------|-----------------------|
| 1 | 23:02:03 | SELECT * FROM online_sale_data online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.000 sec / 0.000 sec |
| 2 | 23:05:01 | SELECT * FROM online_sale_data online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.016 sec / 0.000 sec |
| 3 | 23:05:30 | SELECT month(date) FROM online_sale_data GROUP BY month(date) LIMIT 0, 1000 | 8 row(s) returned | 0.000 sec / 0.000 sec |
| 4 | 23:06:25 | SELECT month(date) AS month, SUM(total_revenue) AS total_monthly_revenue FROM online_sale_data GR... | 8 row(s) returned | 0.000 sec / 0.000 sec |

Object Info | Session

SCHEMAS

Filter objects

ecommerce_shipping_data

online_sale_data

Tables

online_sale_data

Views

Stored Procedures

Functions

sakila

sys

world

Limit to 1000 rows

23

24

25

26

27

28

29

-- limit result for specific time period :

SELECT year(date) AS year, month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume

FROM online_sale_data

WHERE year(date) = 2024

GROUP BY year(date), month(date)

ORDER BY year ASC , month ASC;

Result Grid

Filter Rows:

Exports

Wrap Cell Contents

| | year | month | order_volume |
|---|------|-------|--------------|
| ▶ | 2024 | 1 | 31 |
| | 2024 | 2 | 29 |
| | 2024 | 3 | 31 |
| | 2024 | 4 | 30 |
| | 2024 | 5 | 31 |
| | 2024 | 6 | 30 |
| | 2024 | 7 | 31 |
| | 2024 | 8 | 27 |

Administration

Schemas

Information

No object selected

Result 6

×

Read Onl

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|--|---------------------|-----------------------|
| ✓ 2 | 23:05:01 | SELECT * FROM online_sale_data online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.016 sec / 0.000 sec |
| ✓ 3 | 23:05:30 | SELECT month(date) FROM online_sale_data GROUP BY month(date) LIMIT 0, 1000 | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 4 | 23:06:25 | SELECT month(date) AS month, SUM(total_revenue) AS total_monthly_revenue FROM online_sale_data G... | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 5 | 23:07:03 | SELECT month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume FROM online_sale_d... | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 6 | 23:07:28 | SELECT year(date) AS year, month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume F... | 8 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 7 | 23:08:02 | SELECT year(date) AS year, month(date) AS month, COUNT(DISTINCT transaction_id) AS order_volume F... | 8 row(s) returned | 0.015 sec / 0.000 sec |

Object Info

Session

SCHEMAS

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Limit to 1000 rows

```

1 • SELECT * FROM online_sale_data.online_sale_data;
2
3 -- Extracting month from date column :
4 • SELECT month(date)
5 FROM online_sale_data
6 GROUP BY month(date);
7

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

| | month(date) |
|---|-------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |

Administration Schemas

Information

No object selected

Result 2 x



Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|---|---------------------|-----------------------|
| ✓ 1 | 23:02:03 | SELECT * FROM online_sale_data.online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.000 sec / 0.000 sec |
| ✓ 2 | 23:05:01 | SELECT * FROM online_sale_data.online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.016 sec / 0.000 sec |
| ✓ 3 | 23:05:30 | SELECT month(date) FROM online_sale_data GROUP BY month(date) LIMIT 0, 1000 | 8 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Result Grid

Form Editor

Field Types

Read Only

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```
1 SELECT * FROM online_sale_data.online_sale_data;
2
3 -- Extracting month from date column :
4 SELECT month(date)
5 FROM online_sale_data
6 GROUP BY month(date);
7
```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

| | transaction_id | date | product_category | product_name | units_sold | unit_price | total_revenue | region | payment_method |
|---|----------------|------------|------------------|-------------------------------|------------|------------|---------------|---------------|----------------|
| ▶ | 10001 | 2024-01-01 | Electronics | iPhone 14 Pro | 2 | 999.99 | 1999.98 | North America | Credit Card |
| | 10002 | 2024-01-02 | Home Appliances | Dyson V11 Vacuum | 1 | 499.99 | 499.99 | Europe | PayPal |
| | 10003 | 2024-01-03 | Clothing | Levi's 501 Jeans | 3 | 69.99 | 209.97 | Asia | Debit Card |
| | 10004 | 2024-01-04 | Books | The Da Vinci Code | 4 | 15.99 | 63.96 | North America | Credit Card |
| | 10005 | 2024-01-05 | Beauty Products | Neutrogena Skincare Set | 1 | 89.99 | 89.99 | Europe | PayPal |
| | 10006 | 2024-01-06 | Sports | Wilson Evolution Basketball | 5 | 29.99 | 149.95 | Asia | Credit Card |
| | 10007 | 2024-01-07 | Electronics | MacBook Pro 16-inch | 1 | 2499.99 | 2499.99 | North America | Credit Card |
| | 10008 | 2024-01-08 | Home Appliances | Blueair Classic 480i | 2 | 599.99 | 1199.98 | Europe | PayPal |
| | 10009 | 2024-01-09 | Clothing | Nike Air Force 1 | 6 | 89.99 | 539.94 | Asia | Debit Card |
| | 10010 | 2024-01-10 | Books | Dune by Frank Herbert | 2 | 25.99 | 51.98 | North America | Credit Card |
| | 10011 | 2024-01-11 | Beauty Products | Chanel No. 5 Perfume | 1 | 129.99 | 129.99 | Europe | PayPal |
| | 10012 | 2024-01-12 | Sports | Babolat Pure Drive Tennis ... | 3 | 199.99 | 599.97 | Asia | Credit Card |
| | 10013 | 2024-01-13 | Electronics | Samsung Galaxy Tab S8 | 2 | 749.99 | 1499.98 | North America | Credit Card |

ne_sale_data1 x

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|-----|----------|---|---------------------|-----------------------|
| ✓ 1 | 23:02:03 | SELECT * FROM online_sale_data.online_sale_data LIMIT 0, 1000 | 240 row(s) returned | 0.000 sec / 0.000 sec |
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