```
postgres=# psql -U postgres
postgres-# CREATE DATABASE sales_demo;
ERROR: syntax error at or near "psql"
LINE 1: psql -U postgres
postgres=# CREATE DATABASE sales_demo;
CREATE DATABASE
postgres=# \c sales_demo
You are now connected to database "sales_demo" as user "postgres".
sales_demo=# DROP TABLE IF EXISTS online_sales;
NOTICE: table "online_sales" does not exist, skipping
DROP TABLE
sales_demo=# CREATE TABLE online_sales (order_id
                                                                                            NUMERIC(10,2), product_id
                                                     BIGINT, order_date
                                                                        DATE,amount
GINT):
CREATE TABLE
sales_demo=# \d online_sales
                 Table "public.online_sales"
                            | Collation | Nullable | Default
  Column
                 Type
             bigint
order_id
order_date
             date
             numeric(10,2)
amount
product_id
             bigint
```

.,,, ...,

```
sales_demo=# INSERT INTO online_sales (order_id, order_date, amount, product_id) VALUES (1001, '2024-01-15', 250.00, 1),
(1002, '2024-01-20', 100.00, 2),(1003, '2024-02-03', 75.00, 3),(1004, '2024-02-15', 500.00, 1),(1005, '2024-02-28', 125
.00, 2),(1006, '2024-03-10', 60.00, 4),(1007, '2024-03-11', 300.00, 1),(1008, '2024-03-12', 450.00, 2),(1009, '2024-05-
05', 600.00, 3),(1010, '2024-05-20', 700.00, 3),(1011, '2024-07-14', 800.00, 2),(1012, '2024-07-20', 200.00, 4);
INSERT 0 12
sales_demo=# SELECT * FROM online_sales;
order_id | order_date | amount | product_id
                        250.00
    1001 l
           2024-01-15 |
    1002
           2024-01-20
                        100.00
    1003
           2024-02-03
                        75.00
    1004
           2024-02-15
                        500.00
    1005
           2024-02-28
                        125.00
    1006
           2024-03-10
                         60.00
    1007
           2024-03-11
                        300.00
    1008
           2024-03-12
                        450.00
    1009
           2024-05-05
                        600.00
    1010
           2024-05-20
                        700.00
    1011
           2024-07-14
                        800.00
    1012
           2024-07-20
                        200.00
(12 rows)
```

```
sales_demo=# SELECT TO_CHAR(date_trunc('month', order_date), 'YYYY-MM') AS month,COALESCE(SUM(amount), 0)
                                                                                                              AS month
ly_revenue.COUNT(DISTINCT order_id) AS order_count FROM online_sales GROUP BY date_trunc('month', order_date) ORDE
R BY date_trunc('month', order_date);
 month | monthly_revenue | order_count
2024-01
                   350.00 l
2024-02
                   700.00
2024-03
                   810.00
2024-05 l
                  1300.00 l
2024-07 l
                  1000.00
(5 rows)
sales_demo=# WITH monthly AS (SELECT date_trunc('month', order_date) AS month_start,SUM(amount) AS monthly_revenue FROM
online_sales GROUP BY month_start) SELECT TO_CHAR(month_start, 'YYYY-MM') AS month, monthly_revenue FROM (SELECT *, RANK
```

```
2024-05 | 1300.00
2024-07 | 1000.00
2024-03 | 810.00
(3 rows)
```

	montency_revenue	order_counc
2024-01	350.00	 2
2024-02	700.00	3
2024-03	810.00	3
2024-04	Θ	0
2024-05	1300.00	2
2024-06	Θ	0
2024-07	1000.00	2
(7 rows)		

sales demo=# \d online sales

Sales_delii0-#	/u olicilie_saces				
Table "public.online_sales"					
Column	Туре	Collation	Nullable	Default	
order_id order_date		 	 	 	
product id	- , -	i			

```
sales_demo=# SELECT COUNT(*) FROM online_sales;
count
(1 row)
sales_demo=# TRUNCATE TABLE online_sales;
TRUNCATE TABLE
```