

```
--a. SELECT, WHERE, ORDER BY, GROUP BY
       SELECT user_id, COUNT(transaction_id) AS total_orders, SUM(transaction_amount) AS total_spent
     FROM ecommerce transactions dataset
     WHERE delivery_status = 'Delivered'
     GROUP BY user_id
     ORDER BY total_spent DESC;
     select * from ecommerce_transactions_dataset
100 % ▼ ◀
user_id total_orders total_spent
    U1048 1
                        4842.5400390625
     U1066
2
                        4842.5400390625
            1
3
     U1151
                        4842.5400390625
     U1162 1
                        4842.5400390625
4
     U1223 1
5
                        4842.5400390625
     U1354 1
                        4842.5400390625
7
     U1564
                        4842.5400390625
            1
     U1639
                        4842.5400390625
     transaction_id
                                       user_id product_category
                                                             payment_method transaction_amount purchase_date delivery_status
     00152ffd-f6ac-4c3b-b8b9-e645512d613b U4861
1
                                              Electronics
                                                              UPI
                                                                             4842.5400390625
                                                                                              2023-12-12
                                                                                                           Returned
                                                                                                                                                        Clothing
2
     007971d4-38aa-407f-ba83-ed570096fd60
                                      U2211
                                                              Credit Card
                                                                             4842.5400390625
                                                                                              2024-05-17
                                                                                                           Delivered
     0148140e-b2b5-4462-b2b3-6b67c503a8... U9505
                                                              COD
                                                                             4842.5400390625
                                                                                              2024-05-23
                                                                                                           Returned
3
                                              Home
     03cc2d86-ed6a-41b6-918e-3c1461c962... U6470
                                                              COD
                                                                             4842.5400390625
                                                                                              2025-05-28
                                                                                                           Returned
                                              Books
5
     0462f789-54f2-4362-a299-cee8805928c2 U5332
                                              Beauty
                                                              Debit Card
                                                                             4842.5400390625
                                                                                              2024-06-18
                                                                                                           Shipped
6
     046e5483-81d9-46f0-add9-ce39f99a9a9c U8206
                                              Beauty
                                                              Credit Card
                                                                             4842.5400390625
                                                                                              2023-08-03
                                                                                                           Delivered
Query executed successfully.
                                                                  SIRI_CHANDANA (16.0 RTM) | Siri_chandana\Siri Cha... | ECOMMERCE_DATASET | 00:00:00 | 566 rows
```

```
OKUEK DY LOCAL_SPENC DESC;
     select * from ecommerce_transactions_dataset
   --b.Use JOINS (INNER, LEFT, RIGHT)
     --since we have only one table so we cannot use the joints. so i am creating new table and mke the joins
   CREATE TABLE product_details2 (
         product_category VARCHAR(50) PRIMARY KEY,
         average_price DECIMAL(10, 2),
         total_stock INT,
         brand_popularity VARCHAR(20)
   🖶 INSERT INTO product_details2 (product_category, average_price, total_stock, brand_popularity) VALUES
     ('Beauty', 1200.00, 500, 'High'),
     ('Home', 3500.00, 300, 'Medium'),
     ('Electronics', 15000.00, 200, 'High'),
     ('Clothing', 1800.00, 800, 'Medium'),
     ('Grocery', 750.00, 1000, 'Low'),
100 %
       - | 4 | 1
■ Results  Messages
                                       user_id product_category payment_method transaction_amount purchase_date delivery_status
     transaction_id
    00152ffd-f6ac-4c3b-b8b9-e645512d613b
                                       U4861
                                              Electronics
                                                             UPI
                                                                            4842.5400390625
                                                                                             2023-12-12
                                                                                                          Returned
     007971d4-38aa-407f-ba83-ed570096fd60
                                       U2211 Clothing
                                                             Credit Card
                                                                            4842.5400390625
                                                                                            2024-05-17
                                                                                                          Delivered
     0148140e-b2b5-4462-b2b3-6b67c503a83e U9505 Home
                                                             COD
                                                                            4842.5400390625
                                                                                            2024-05-23
                                                                                                          Returned
                                                             COD
4
     03cc2d86-ed6a-41b6-918e-3c1461c96259 U6470 Books
                                                                            4842 5400390625
                                                                                             2025-05-28
                                                                                                          Returned
5
     0462f789-54f2-4362-a299-cee8805928c2
                                       U5332
                                              Beauty
                                                             Debit Card
                                                                            4842.5400390625
                                                                                             2024-06-18
                                                                                                          Shipped
     046e5483-81d9-46f0-add9-ce39f99a9a9c
                                                                            4842.5400390625
                                                                                            2023-08-03
6
                                       U8206 Beauty
                                                             Credit Card
                                                                                                          Delivered
     0570c69e-0f04-4534-828a-9625c4dee994
                                                             COD
                                                                            4842.5400390625
                                                                                            2025-03-13
                                                                                                          Returned
                                       U1317 Books
     066d7835-f695-418e-96b5-581a70798fa8 U4832 Electronics
                                                             UPI
                                                                            4842.5400390625
                                                                                            2025-03-13
                                                                                                          Cancelled
Ouerv executed successfully
                                                               A SIRI CHANDANA (16.0 RTM) | Siri chandana\Siri Cha | FCOMMERCE DΔTΔSET | 00·00·00 | 2.376 rows
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