

```
40 SELECT AVG(total_amount) AS avg_order_value FROM orders;
42
43
44 -- INNER JOIN
45 SELECT c.name, o.total_amount
46 FROM customers c
47 JOIN orders o ON c.customer_id = o.customer_id;
48
49 -- AVG
50 SELECT AVG(total_amount) AS avg_order_value FROM orders;
51
52 ---- Subqueries
53 SELECT name FROM customers
54 WHERE customer_id IN (
SELECT customer_id FROM orders WHERE total_amount > 500 );
59 SELECT customer_id, SUM(total_amount) AS total_spent
60 FROM orders
61 GROUP BY customer_id
62 HAVING total_spent > 1000;
66 SELECT customers.name, orders.total amount
67 FROM customers
68 INNER JOIN orders ON customers.customer id = orders.customer id;
71 CREATE VIEW high_value_orders AS
72 SELECT * FROM orders WHERE total_amount > 500;
75    SELECT * FROM high_value_orders;
78
79
```

```
432.500000
+----+
+----+
| name | total amount |
+----+
| Alice |
          250.00
| Alice |
          550.00
Bob
          750.00
| Charlie |
          180.00
+----+
+----+
avg order value
+----+
   432.500000
+----+
+----+
name
+----+
| Alice |
Bob
+----+
| name | total amount |
+----+
| Alice |
          250.00
Alice
          550.00
Bob
          750.00
| Charlie |
          180.00
| order_id | customer_id | order_date | total_amount |
+-----
             2 | 2024-01-07 |
                          750.00
   104
           1 | 2024-01-15 |
                          550.00
+----+
```