Products

1.Retrieve all columns from the product table.

Ans: select\*from products;

2. Retrieve the product\_name and unit\_price from the Products table.

Ans: select product\_name,unit\_price from products;

3. Filter the Products table to show only products in the 'Electronics' category.

Ans: select category from products where category='electronics';

4. Retrieve the product\_id and product\_name from the Products table for products with a unit\_price greater than $100.

Ans: select product\_id,product\_name from products where unit\_price>100;

5. Calculate the average unit\_price of products in the Products table.

Ans: select avg(unit\_price) from products;

6. Retrieve product\_name and unit\_price from the Products table with the Highest Unit Price

Ans: select product\_name,unit\_price from products order by unit\_price desc limit 1;

7. Retrieve the product\_name and unit\_price from the Products table, ordering the results by unit\_price in descending order.

Ans: select product\_name,unit\_price from products order by unit\_price desc;

8. Retrieve the product\_name and unit\_price from the Products table, filtering the unit\_price to show only values between $20 and $600.

Ans: select product\_name,unit\_price from products where unit\_price between 20 and 600;

9. Retrieve the product\_name and category from the Products table, ordering the results by category in ascending order.

Ans: select product\_name,category from products order by category;

Sales

1. Retrieve all columns from the Sales table.

Ans: select\*from sales;

2. Retrieve the sale\_id and sale\_date from the Sales table.

Ans: select sale\_id,sale\_date from sales;

3. Filter the Sales table to show only sales with a total\_price greater than $100.

Ans: select\*from sales where total\_price>100;

4. Retrieve the sale\_id and total\_price from the Sales table for sales made on January 3, 2024.

Ans: select sale\_id,total\_price from sales where sale\_date= '2024-01-03';

5. Calculate the total revenue generated from all sales in the Sales table.

Ans: select sum(total\_price) from sales;

6. Calculate the total quantity\_sold from the Sales table.

Ans: select sum(quantity\_sold) from sales;

7. Retrieve the sale\_id, product\_id, and total\_price from the Sales table for sales with a quantity\_sold greater than 4.

Ans: select sale\_id,product\_id,total\_price from sales where quantity\_sold>4;

8. Calculate the average total\_price of sales in the Sales table.

Ans: select avg(total\_price) from sales;