

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;