MS-SQL Server

Case Study: Data Selection

1. Write a query to display customer list by the first name in descending order.

2. Write a query to display the first name, last name, and city of the customers. It sorts the customer list by the city first and then by the first name.

3. Write a query to returns the top three most expensive products.

4. Write a query to finds the products whose list price is greater than 300 and model year is 2018.

5. Write a query to finds products whose list price is greater than 3,000 or model year is 2018. Any product that meets one of these conditions is included in the result set.

6. Write a query to find the products whose list prices are between 1,899 and 1,999.99.

7.Write a query uses the IN operator to find products whose list price is 299.99 or 466.99 or 489.99.

8. Write a query to the customers where the first character in the last name is the letter in the range A through C:

9. Write a query using NOT LIKE operator to find customers where the first character in the first name is not the letter A:

10. Write a query to return the number of customers by state and city group state and city.

11. Write a query to return the number of orders placed by the customer group by customer id and year.

12. Write query to finds the maximum and minimum list group by category id. Then, it filters out the category which has the maximum list price greater than 4,000 or the minimum list price less than 500.

category_id	max_list_price	min_list_price
1	489.99	89.99
2	2599.99	416.99
3	2999.99	250.99
5	4999.99	1559.99
6	5299.99	379.99
7	11999.99	749.99

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