# Day 2 – SQL Practice Questions

## 📊 Dataset: Products & Orders

Below are two tables with sample data to be used for SQL practice.

### Products Table

|  |  |  |  |
| --- | --- | --- | --- |
| ProductID | ProductName | Category | Price |
| 1 | Laptop | Electronics | 80000 |
| 2 | Mobile Phone | Electronics | 30000 |
| 3 | Office Chair | Furniture | 12000 |
| 4 | Pen Pack | Stationery | 300 |
| 5 | Desk Lamp | Furniture | 1500 |

### Orders Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| OrderID | ProductID | Quantity | OrderDate | CustomerName |
| 101 | 1 | 2 | 2022-03-10 | Priya Sharma |
| 102 | 2 | 1 | 2022-04-12 | Rahul Jain |
| 103 | 3 | 3 | 2022-05-15 | Aarti Desai |
| 104 | 2 | 2 | 2022-06-18 | Ravi Kumar |
| 105 | 5 | 4 | 2022-07-20 | Sneha Agarwal |

## 📘 Practice Questions

1. 1. List all product names and their categories.
2. 2. Find the total quantity ordered for each product.
3. 3. Display all orders along with product names and category.
4. 4. Calculate the total order value for each customer (Quantity × Price).
5. 5. Which customers have placed orders for Electronics products?
6. 6. Find the most expensive product and who bought it.
7. 7. List the product(s) that have never been ordered.
8. 8. Show the average order quantity per product category.
9. 9. Find all customers who ordered more than 2 units of any product.

## 🎯 Bonus Challenge

Write a query to list customers who ordered products priced above the average price of all products.