

# E-Commerce SQL Practice Questions

## Level 1 – Medium

- 1 Find the top 5 customers by total spending.
- 2 List products that have never been ordered.
- 3 Find customers who have placed orders in at least 2 different months.
- 4 Show the average rating per product category.
- 5 Retrieve orders that include more than 3 different products.
- 6 Display customers who have not placed any orders yet.
- 7 Show the most expensive product ordered in each order.

## Level 2 – Hard

- 1 List products that have been purchased by every customer.
- 2 Find the 2nd highest spending customer in each city.
- 3 Display products that have only received 5-star reviews.
- 4 Find customers who placed back-to-back orders on consecutive days.
- 5 Show the order with the highest total quantity of products.
- 6 Find customers who bought products from at least 3 different categories.
- 7 Display products that were ordered but never reviewed.

## Level 3 – Very Hard

- 1 Find customers who reviewed all the products they purchased.
- 2 Show the top 3 best-selling products by revenue per category.
- 3 Retrieve the average time (in days) between orders for each customer.
- 4 List products that were reviewed by customers who never bought them.
- 5 Find the customer who placed the largest order in terms of total items.
- 6 Display categories where the cheapest product has higher sales than the most expensive product.
- 7 Show customers who have placed at least one order in every city where they live.
- 8 Find the average rating difference between categories.
- 9 Display customers who spent more than the overall average spending but never gave a review below 3 stars.
- 10 Write a query to find the most loyal customer per product (the one who bought it the most times).