

# Sales Order Dataset - Case Study

## Problem Statements:

1. Identify the total no of products sold
2. Other than Completed, display the available delivery status's
3. Display the order id, order\_date and product\_name for all the completed orders.
4. Sort the above query to show the earliest orders at the top. Also display the customer who purchased these orders.
5. Display the total no of orders corresponding to each delivery status
6. For orders purchasing more than 1 item, how many are still not completed?
7. Find the total no of orders corresponding to each delivery status by ignoring the case in delivery status. Status with highest no of orders should be at the top.
8. Write a query to identify the total products purchased by each customer
9. Display the total sales and average sales done for each day.
10. Display the customer name, employee name and total sale amount of all orders which are either on hold or pending.
11. Fetch all the orders which were neither completed/pending or were handled by the employee Abrar. Display employee name and all details or order.
12. Fetch the orders which cost more than 2000 but did not include the macbook pro. Print the total sale amount as well.
13. Identify the customers who have not purchased any product yet.
14. Write a query to identify the total products purchased by each customer. Return all customers irrespective of whether they have made a purchase or not. Sort the result with highest no of orders at the top.

15. Corresponding to each employee, display the total sales they made of all the completed orders. Display total sales as 0 if an employee made no sales yet.
16. Re-write the above query so as to display the total sales made by each employee corresponding to each customer. If an employee has not served a customer yet then display "-" under the customer.
17. Re-write above query so as to display only those records where the total sales is above 1000
18. Identify employees who have served more than 2 customer.
19. Identify the customers who have purchased more than 5 products
20. Identify customers whose average purchase cost exceeds the average sale of all the orders.