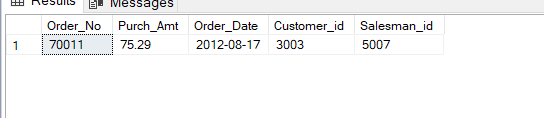
Rutuja Vijay Jagtap

Superset id:1367907

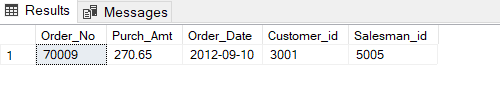
**1. write a SQL query to find all the orders issued by the salesman 'Paul Adam'. Return ord\_no, purch\_amt, ord\_date, customer\_id and salesman\_id**

Select \* from Orders where Salesman\_id in(Select Salesman\_id from Salesman where Salesman\_Name='Paul Adam')



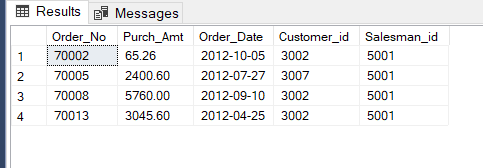
**2. write a SQL query to find all the orders, which are generated by those salespeople, who live in the city of London.Return ord\_no, purch\_amt, ord\_date, customer\_id, salesman\_id.**

Select \* from Orders where Salesman\_id in (Select Salesman\_id from Salesman where City='London')



**3. write a SQL query to find the orders generated by the salespeople who works for customers whose id is 3007. Return ord\_no, purch\_amt, ord\_date, customer\_id, salesman\_id. A customer can works only with a salespeople**

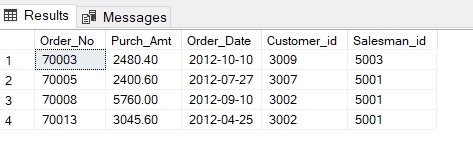
Select \* from Orders where Salesman\_id in (Select Salesman\_id from Customer where Customer\_id=3007)



**4. write a SQL query to find the order values greater than the average order value of 10th October 2012. Return ord\_no, purch\_amt, ord\_date, customer\_id, salesman\_id.**

SELECT \* FROM Orders

WHERE Purch\_Amt >(SELECT AVG(Purch\_Amt) FROM orders WHERE Order\_Date ='10/10/2012');



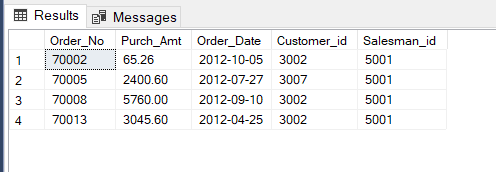
**5. write a SQL query to find all the orders generated in New York city. Return ord\_no, purch\_amt, ord\_date, customer\_id and salesman\_id**

Select \* from Orders

where

Salesman\_id in

(Select Salesman\_id from Salesman where City='New York')

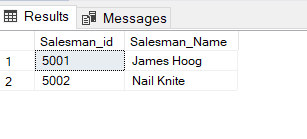


**6. write a SQL query to find the salespeople who had more than one customer. Return salesman\_id and name**

SELECT Salesman\_id,Salesman\_Name

FROM Salesman a

WHERE 1 < (SELECT COUNT(\*) FROM Customer WHERE Salesman\_id=a.salesman\_id);

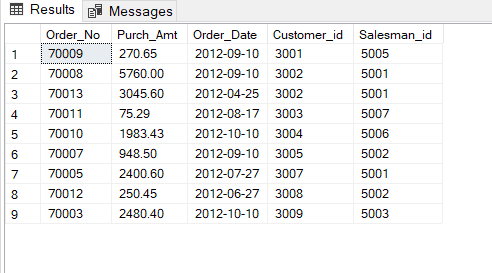


**7. write a SQL query to find those orders, which are higher than average amount of the orders. Return ord\_no, purch\_amt, ord\_date, customer\_id and salesman\_id**

SELECT \* FROM Orders a

WHERE Purch\_Amt>=

(SELECT avg(Purch\_Amt) FROM Orders b WHERE b.Customer\_id=a.Customer\_id);



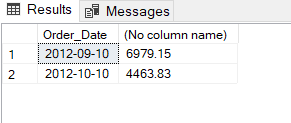
**8. Write a query to find the sums of the amounts from the orders table, grouped by date, eliminating all those dates where the sum was not at least 1000.00 above the maximum order amount for that date**

SELECT Order\_Date,sum(Purch\_Amt) from Orders a

GROUP BY Order\_Date

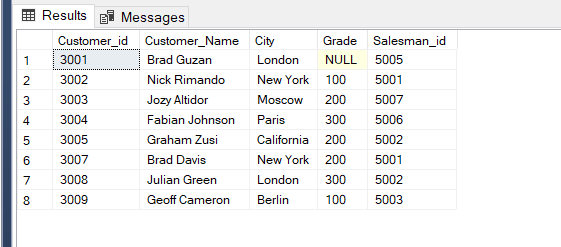
HAVING SUM (Purch\_Amt) >

(SELECT 1000.00 + MAX(purch\_amt) FROM Orders b WHERE a.Order\_Date = b.Order\_Date);



**9. Write a query to extract all data from the customer table if and only if one or more of the customers in the customer table are located in London.**

Select \* from Customer where EXISTS(select \*from Customer where City='London')



**10. write a SQL query to find the salespeople who deal multiple customers. Return salesman\_id, name, city and commission**

Select \* from Salesman where Salesman\_id IN

(SELECT DISTINCT Salesman\_id FROM Customer a WHERE EXISTS

(SELECT \* FROM Customer b

WHERE b.Salesman\_id=a.Salesman\_id

AND b.customer\_Name<>a.Customer\_Name

)

);

