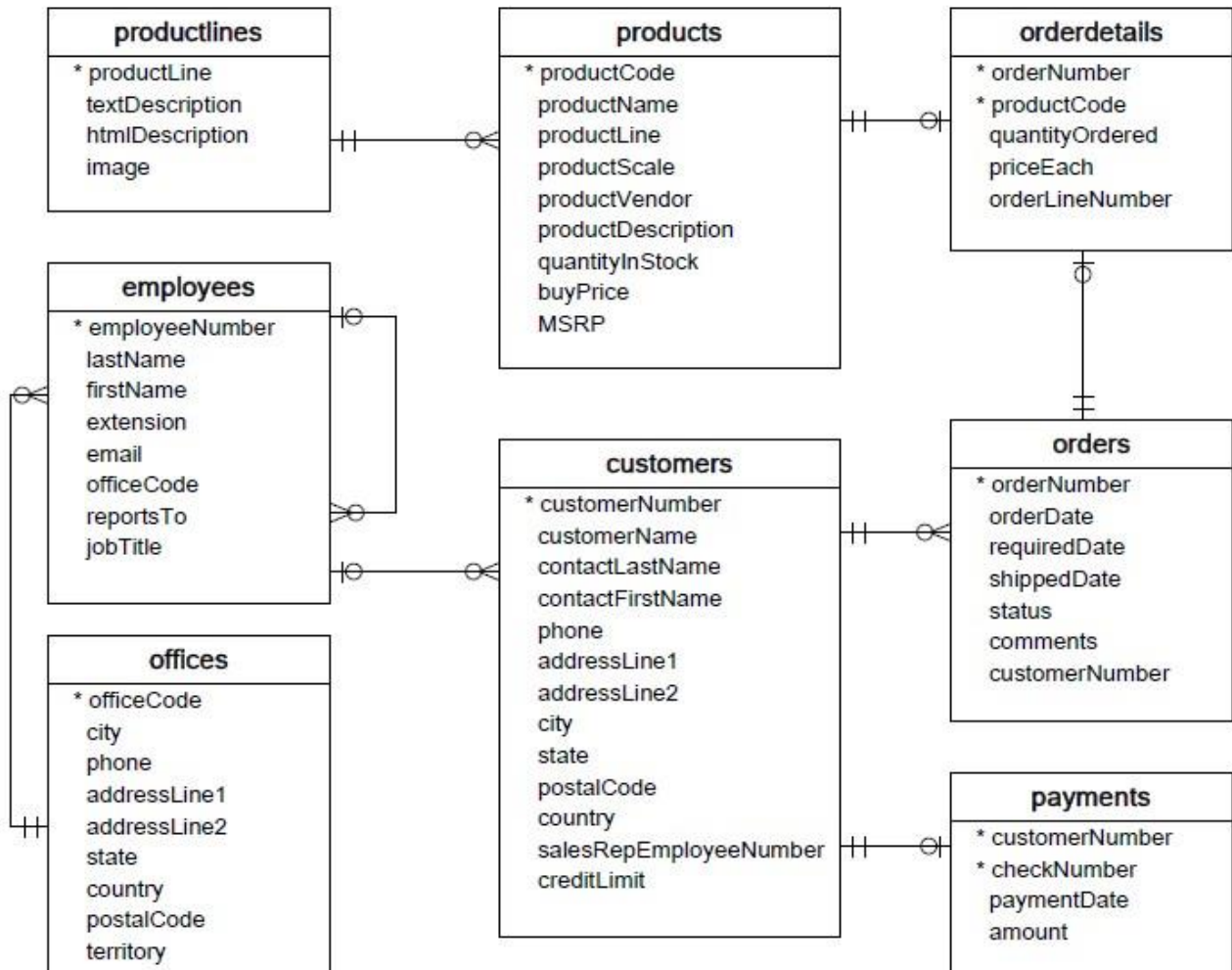


SQL – WORKSHEET 4

Refer the following ERD and answer all the questions in this worksheet. You have to write the queries using MySQL for the required Operation.



- **Customers:** stores customer's data.
- **Products:** stores a list of scale model cars.
- **ProductLines:** stores a list of product line categories.
- **Orders:** stores sales orders placed by customers.
- **OrderDetails:** stores sales order line items for each sales order.
- **Payments:** stores payments made by customers based on their accounts.
- **Employees:** stores all employee information as well as the organization structure such as who reports to whom.
- **Offices:** stores sales office data.

QUESTIONS:

1 Write SQL query to show average number of orders shipped in a day (use Orders table).

```

SELECT * order from date(orderdate), COUNT(ordernumber ) AS (ordernumber, SUM(ordertotal) AS daily_total
FROM ordersWHERE order_placed_date>=date_sub(current_date, INTERVAL 31 DAY)GROUP BY
date(order_placed_date
    
```

- 2 Write SQL query to show average number of orders placed in a day.

select * from Orders where custom number = AVG (order number)

- 3 Write SQL query to show the product name with minimum MSRP (use Products table).

Select * from products form product name where MSP = minimum

- 4 Write SQL query to show the product name with maximum value of stockQuantity.

Select * from product whare product name = Max(stockQuantity)

- 5 Write a query to show the most ordered product Name (the product with maximum number of orders).

Select * from order where ordered product=number of orders

- 6 Write a SQL query to show the highest paying customer Name.

Select * from customers where employees = Max(salary)

- 7 Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city.

Select * form customer whare customer number , customer name whare city = Melbourne

- 8 Write a SQL query to show name of all the customers whose name start with "N".

Select * from customer where customers name= 'N'

- 9 Write a SQL query to show name of all the customers whose phone start with '^7.*' and are from city 'Las Vegas'.
Select * from customers where phone= 7 and city = 'Las Vegas'
 - 10 Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either "Las Vegas" or "Nantes" or "Stavern".
Select * from customers where credit limit<100 && city="Las Vegas" or "Nantes" or "Stavern".
 - 11 Write a SQL query to show all the orderNumber in which quantity ordered <10.
Select * order where quantity order<10
 - 12 Write a SQL query to show all the orderNumber whose customer Name start with letter N.
Select * orders where orderNumber and Name='N'
 - 13 Write a SQL query to show all the customerName whose orders are "Disputed" in status.
 - 14 Write a SQL query to show the customerName who made payment through cheque with checkNumber starting with H and made payment on "2004-10-19".
 - 15 Write a SQL query to show all the checkNumber whose amount > 1000.
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