Solutions - Case 3 SQL Scripts

/\*Case 3 - Key solutions\*/  
SELECT \* FROm transactionmaster;  
  
/\*1-3\*/  
SELECT DISTINCT product\_number  
FROM transactionmaster;  
  
/\*2-5\*/  
SELECT Count(\*) as NoOfRows  
FROM TransactionMaster;  
  
/\*4-2\*/  
select Employee\_Number, Round((datediff(last\_date\_worked,hire\_date))/365.25,2) as years  
from employee\_master  
where Last\_Date\_Worked <> "";  
  
/\*4-4\*/  
select employee\_number, hire\_date  
from employee\_master  
where Last\_Date\_Worked like "";  
  
/\*5-1\*/  
SELECT state, city, Count(\*) as NoOfcustomers  
FROM customermaster  
group by state, city;  
  
/\*5-5\*/  
SELECT product\_number, max(Sales\_Amount) as MaxAmt,  
min(Sales\_Amount) as MinAmt  
FROM transactionmaster  
group by Product\_number;  
  
/\*6-3\*/  
SELECT Product\_Number, Sales\_Amount  
FROM TransactionMaster  
WHERE sales\_Amount > 100  
Order By 2 DESC;  
  
/\*7-3\*/  
SELECT Customer\_Number, Count(\*) as NoOfOrders  
FROM TransactionMaster  
Group by Customer\_Number  
HAVING Count(Invoice\_Number) > 1;