# Assignment: Group By/CASE

(Hint: FactCallCenter Table)

1. How many level two operators are part of different shift?
2. What is the total number of operators in each Shift?
3. What is the total number of calls received by operators in each shift?
4. What is the average of calls received in morning shift only?
5. What is the average of calls received on holiday?

(Hint: DimEmployee)

1. What is the maximum number of sick leave hours provided in each Department? (Use: MAX)
2. What is the minimum number of vacation hours provided in each department? (Use: MIN)
3. Find out the count of employee in each department? (Use: Count)
4. Select all the employee’s marital status and total number of employee in each category( Married or Unmarried). If marital status is “M” make it married and if it is “S” make it un-married in final outcome.
5. Get the count of Employees who born on same date with their respective date of birth? (HAVING)
6. For below set of query please use DimProduct, DimProductCategory, DimProductSubCategory & FactInternetSalesTables.
   1. Give me a breakup of all the product category and sub category
   2. List down all the products who are not associated with any of the product sub category
   3. Give me the product name who has the maximum number of sales-order?
   4. Give me the product category who has the highest sales figure?
   5. Give me the total sales amount for all the product who’s color is Black.
7. Ref Tables: FactInternetSales & DimSalesTerritory
   1. Give me the total sales figure across the region.
   2. Give me the Average profit acquired across the regions. (Profit = SalesAmount – (TotalProductCost + taxAmount + Freight )
   3. Give me the count of all the customer, who are residing in “United States”?