Assignment – 8

Ref Database : AdventureWorksDB2017

Reference Table : DimCustomer,DimProduct, DimProductSubCategory,DimProductCategory,FactInternetSales,dimCurrency, DimSalesTerritory

1. Select Customer with yearlyincome between 40000 to 80000 and change the Title to “Sir/Madam” (only in case of null) based on Gender. As a final output I need Title,FirstName,LastName,yearlyincome.
2. Select all the products,their sub category and category. Also include in the same query,all the products which is not part of any category and use default category as “smartphone” & subcategory as “Android”.
3. List down date of birth of all customer with their name ( full name in one column only) and occupation. Select only those whose age is greater than 50.
4. Give me Profit details for all the products according to their salesterritoryregion & currency type. Final output should list, productsubcategory,productcategory,region,currency,and profit ( salesAmount-totalproductcost-taxamount-freightamount). Please use below methods to produce output. You have to form query with each of below way, so ultimately there will be 3 query, producing same output.
   1. CTE
   2. Subquery
   3. Joins