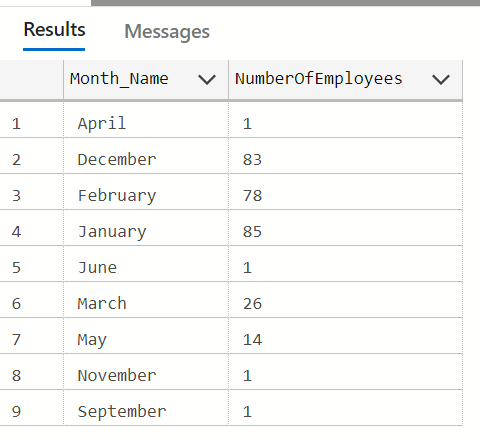
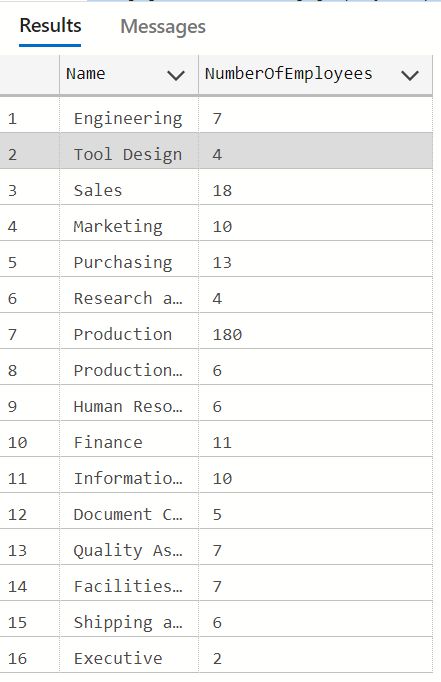
Q.1:

Ans: select FORMAT(HireDate,'MMMM') as 'Month\_Name', count(BusinessEntityID) AS NumberOfEmployees from [AdventureWorks2019].[HumanResources].[Employee] group by FORMAT(HireDate,'MMMM');



Q.2

Query: select Name, count( BusinessEntityID) AS NumberOfEmployees  from [AdventureWorks2019].[HumanResources].[Department] Inner Join [AdventureWorks2019].[HumanResources].[EmployeeDepartmentHistory] on EmployeeDepartmentHistory.DepartmentID = Department.DepartmentID group by Name



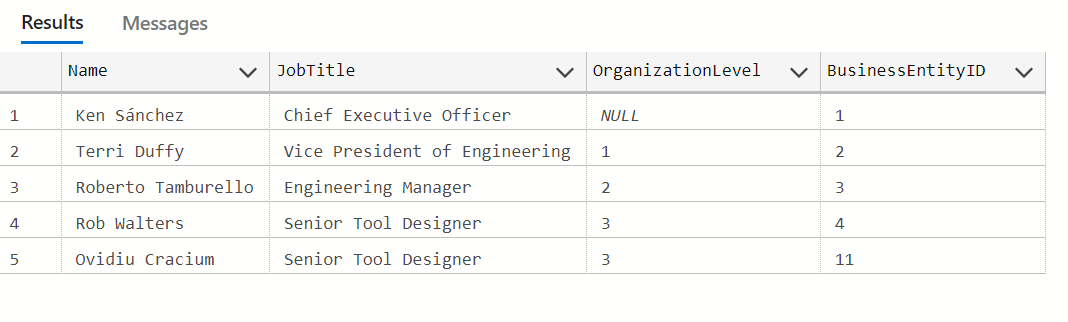
Q.4

Query: Select CONCAT(FirstName,' ',LastName) as Name, JobTitle, HR.OrganizationLevel, HR.BusinessEntityID

from [AdventureWorks2019].[Person].[Person] as p join [AdventureWorks2019].[HumanResources].[Employee] as

HR on p.BusinessEntityId = HR.BusinessEntityId where JobTitle IN ('Chief Executive Officer','Vice President of Engineering','Engineering Manager','Senior Tool Designer')  ;

Output:



Q.3: select p.FirstName, CR.Name from AdventureWorks2019.HumanResources.Employee as E

left join AdventureWorks2019.Person.Person P

on E.[BusinessEntityID] <> P.BusinessEntityID

left join AdventureWorks2019.Person.BusinessEntityAddress as bea

on P.BusinessEntityID = bea.BusinessEntityID

left join AdventureWorks2019.Person.Address A

on A.AddressID = bea.AddressID

left join AdventureWorks2019.Person.StateProvince AS SP

on SP.[StateProvinceID] = A.[StateProvinceID]

left join AdventureWorks2019.Person.CountryRegion CR

on CR.[CountryRegionCode] = SP.[CountryRegionCode]

where P.FirstName like 'S%';

Q.5

Select p.productID,p.name,th.ActualCost as Commulative\_sum,th.Quantity FROM [AdventureWorks2019].[Production].[Product] AS p ,[AdventureWorks2019].[Production].[TransactionHistory]

as Th where p.ProductID = th.ProductID;

