ДЗ11

2 Задание

1)

with ListOfEmployees

(select t1.FirstName, t1.LastName, t1.BirthDate, COUNT(t2.Order\_Id) AS Orders

from People t1 left join Orders t2 on t1.UserId = t2.UserId and t1.BirthDate = t2.OrderDate

group by t1.FirstName, t1.LastName, t1.BirthDate

order by 4 desc)

select top 1

from ListOfEmployees

2)

with Orders2022 AS

(select o.BillId, MONTH(o.OrderDate) AS [OrderMonth]

from Orders o

where YEAR(o.OrderDate) = 2022),

BillsOrders AS

(select b.Bill\_id, b.Dish\_id, b.NumberOfDishes AS [Count]

from Bills b),

Ingredients AS

(select dc.Dish\_id, dc.Ingredient\_Name

from DishComposition dc)

SELECT o.[OrderMonth], i.Ingredient\_Name, bo.Count\* COUNT(i.Ingredient\_Name)

from Orders2022 o

inner join BillsOrders bo

On o.BillId = bo.BillId

inner join Ingredients i

On i.DishId = bo.DishId

group by o.[OrderMonth], i.IngredientName

ДЗ 11

3 Задание

Select \* into AlexFunction from (SELECT 'Alex' AS [UserName], [Alex] AS [Function] FROM Data\_for\_Merge WHERE [Alex] Is NOT NULL) as t;

Select \* into CarlosFunction from (SELECT 'Carlos' AS [UserName], [Carlos] AS [Function] FROM Data\_for\_Merge WHERE [Carlos] Is NOT NULL) as q;

Select \* into CharlesFunction from (SELECT 'Charles' AS [UserName], [Charles] AS [Function] FROM Data\_for\_Merge WHERE [Charles] Is NOT NULL) as w;

Select \* into DanielFunction from (SELECT 'Daniel' AS [UserName], [Daniel] AS [Function] FROM Data\_for\_Merge WHERE [Daniel] Is NOT NULL) as e;

Select \* into EstebanFunction from (SELECT 'Esteban' AS [UserName], [Esteban] AS [Function] FROM Data\_for\_Merge WHERE [Esteban] Is NOT NULL) as r;

Select \* into FredFunction from (SELECT 'Fred' AS [UserName], [Fred] AS [Function] FROM Data\_for\_Merge WHERE [Fred] Is NOT NULL) as y;

Select \* into GeorgeFunction from (SELECT 'George' AS [UserName], [George] AS [Function] FROM Data\_for\_Merge WHERE [George] Is NOT NULL) as u;

Select \* into LandoFunction from (SELECT 'Lando' AS [UserName], [Lando] AS [Function] FROM Data\_for\_Merge WHERE [Lando] Is NOT NULL) as i;

Select \* into LewisFunction from (SELECT 'Lewis' AS [UserName], [Lewis] AS [Function] FROM Data\_for\_Merge WHERE [Lewis] Is NOT NULL) as p;

merge [AlexFunction] target

using [CarlosFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [CharlesFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [DanielFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [EstebanFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [FredFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [GeorgeFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [LandoFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

merge [AlexFunction] target

using [LewisFunction] source on target.[UserName]=source.[UserName]

WHEN NOT MATCHED by target

then insert ([UserName],[Function])

values (source.[UserName],source.[Function]);

SELECT [Function] as Function\_name, COUNT(UserName) as Function\_count

from AlexFunction

group by [Function]