3.

SELECT

Year,

[1] AS January,

[2] AS February,

[12] AS December

FROM

(SELECT YEAR(StartDate) AS Year, MONTH(StartDate) AS Month, OrderQty

FROM Production.WorkOrder

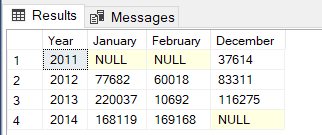
WHERE MONTH(StartDate) IN (1, 2, 12)) AS SourceTable

PIVOT

(SUM(OrderQty) FOR Month IN ([1], [2], [12])) AS PivotTable

ORDER BY

Year



5.

CREATE TABLE FunctionResult(

Function\_name nvarchar (50),

Function\_count int

)

MERGE [dbo].[FunctionResult] AS target

USING [dbo].[data\_for\_merge$] AS source

ON target.Function\_name = source.Alex

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source.Alex, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Carlos

FROM [dbo].[data\_for\_merge$]

WHERE Carlos IS NOT NULL

) AS source

ON target.Function\_name = source.Carlos

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source.Carlos, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Charles

FROM [dbo].[data\_for\_merge$]

WHERE Charles IS NOT NULL

) AS source

ON target.Function\_name = source. Charles

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source. Charles, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Daniel

FROM [dbo].[data\_for\_merge$]

WHERE Daniel IS NOT NULL

) AS source

ON target.Function\_name = source. Daniel

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source. Daniel, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Esteban

FROM [dbo].[data\_for\_merge$]

WHERE Esteban IS NOT NULL

) AS source

ON target.Function\_name = source. Esteban

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source. Esteban, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Fred

FROM [dbo].[data\_for\_merge$]

WHERE Fred IS NOT NULL

) AS source

ON target.Function\_name = source. Fred

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source. Fred, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT George

FROM [dbo].[data\_for\_merge$]

WHERE George IS NOT NULL

) AS source

ON target.Function\_name = source. George

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source. George, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Lando

FROM [dbo].[data\_for\_merge$]

WHERE Lando IS NOT NULL

) AS source

ON target.Function\_name = source. Lando

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source.Lando, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

MERGE [dbo].[FunctionResult] AS target

USING (

SELECT Lewis

FROM [dbo].[data\_for\_merge$]

WHERE Lewis IS NOT NULL

) AS source

ON target.Function\_name = source. Lewis

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source.Lewis, 1)

WHEN MATCHED

THEN UPDATE SET target.Function\_count = target.Function\_count + 1;

