***3. Создать таблицу с количеством использования функций для дз 3. Используя data\_for\_merge.csv, заполнить ее через оператор merge. Итоговая таблица с результатами должна иметь вид***

| Function\_name | Function\_count |
| --- | --- |
| CASE | 4 |
| CAST | 2 |
| CONCAT | 7 |

1. Загружаем таблицу с данными data\_for\_merge.csv в нашу БД (через интерфейс SQL Studio)
2. Создаем таблицу, которая будет иметь вид итоговой

CREATE TABLE finish\_table (

Function\_name NVARCHAR(50),

Function\_count NVARCHAR(10)

)

1. Начинаем последовательное заполнение созданной таблицы с помощью MERGE

MERGE finish\_table target

USING (SELECT IrinaPashkovich

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

WHERE IrinaPashkovich IS NOT NULL) AS source1

ON target.Function\_name=source1.IrinaPashkovich

WHEN MATCHED

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

WHEN NOT MATCHED

THEN INSERT (Function\_name, Function\_count)

VALUES (source1.IrinaPashkovich, 1);

MERGE finish\_table target

USING (SELECT Darya

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

WHERE Darya IS NOT NULL) AS source2

ON target.Function\_name=source2.Darya

WHEN MATCHED

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

WHEN NOT MATCHED

THEN INSERT (Function\_name, Function\_count)

VALUES (source2.Darya, 1);

MERGE finish\_table target

USING (SELECT Ekaterina

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

WHERE Ekaterina IS NOT NULL) AS source3

ON target.Function\_name=source3.Ekaterina

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source3.Ekaterina, 1);

MERGE finish\_table target

USING (SELECT IrinaSelyutina

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

WHERE IrinaSelyutina IS NOT NULL) AS source4

ON target.Function\_name=source4.IrinaSelyutina

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source4.IrinaSelyutina, 1);

MERGE finish\_table target

USING (SELECT Viktor

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

WHERE Viktor IS NOT NULL) AS source5

ON target.Function\_name=source5.Viktor

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source5.Viktor, 1);

MERGE finish\_table target

USING (SELECT Dmitriy

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

WHERE Dmitriy IS NOT NULL) AS source6

ON target.Function\_name=source6.Dmitriy

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source6.Dmitriy, 1);

MERGE finish\_table target

USING (SELECT Svetlana

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

WHERE Svetlana IS NOT NULL) AS source7

ON target.Function\_name=source7.Svetlana

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source7.Svetlana, 1);

MERGE finish\_table target

USING (SELECT VikaVoronchuk

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

WHERE VikaVoronchuk IS NOT NULL) AS source8

ON target.Function\_name=source8.VikaVoronchuk

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source8.VikaVoronchuk, 1);

MERGE finish\_table target

USING (SELECT VikaOstopchuk

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

WHERE VikaOstopchuk IS NOT NULL) AS source9

ON target.Function\_name=source9.VikaOstopchuk

WHEN MATCHED

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

WHEN NOT MATCHED THEN INSERT (Function\_name, Function\_count)

VALUES (source9.VikaOstopchuk, 1);

1. Проверяем содержимое нашей итоговой таблицы. Получили 56 строк

SELECT \*

FROM finish\_table

ORDER BY Function\_name

