**Отчет**

**Домашняя работа 11**

1. 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 |

CREATE TABLE TableMerge

(

Name1 NVARCHAR(100) NOT NULL,

Name2 NVARCHAR(100) NOT NULL,

Name3 NVARCHAR(100) NOT NULL,

Name4 NVARCHAR(100) NOT NULL,

Name5 NVARCHAR(100) NOT NULL,

Name6 NVARCHAR(100) NOT NULL,

Name7 NVARCHAR(100) NOT NULL,

Name8 NVARCHAR(100) NOT NULL,

Name9 NVARCHAR(100) NOT NULL

)

BULK INSERT TableMerge

FROM 'D:\TeachMeSkill\_BI\Kate\_Yaromka\Lesson11\data\_for\_merge.csv'

WITH (FIRSTROW = 2, fieldterminator = ',', rowterminator = '0x0a')

CREATE TABLE TableMerge\_Res

(

Function\_name NVARCHAR(100),

Function\_Count INT

)

MERGE TableMerge\_Res AS target

USING (select Name1 from TableMerge) AS src

ON target.Function\_name = src.Name1

WHEN MATCHED

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

WHEN not MATCHED and src.Name1 != '' and src.Name1 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name1, 1);

MERGE TableMerge\_Res AS target

USING (select Name2 from TableMerge) AS src

ON target.Function\_name = src.Name2

WHEN MATCHED

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

WHEN not MATCHED and src.Name2 != '' and src.Name2 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name2, 1);

MERGE TableMerge\_Res AS target

USING (select Name3 from TableMerge) AS src

ON target.Function\_name = src.Name3

WHEN MATCHED

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

WHEN not MATCHED and src.Name3 != '' and src.Name3 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name3, 1);

MERGE TableMerge\_Res AS target

USING (select Name4 from TableMerge) AS src

ON target.Function\_name = src.Name4

WHEN MATCHED

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

WHEN not MATCHED and src.Name4 != '' and src.Name4 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name4, 1);

MERGE TableMerge\_Res AS target

USING (select Name5 from TableMerge) AS src

ON target.Function\_name = src.Name5

WHEN MATCHED

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

WHEN not MATCHED and src.Name5 != '' and src.Name5 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name5, 1);

MERGE TableMerge\_Res AS target

USING (select Name6 from TableMerge) AS src

ON target.Function\_name = src.Name6

WHEN MATCHED

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

WHEN not MATCHED and src.Name6 != '' and src.Name6 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name6, 1);

MERGE TableMerge\_Res AS target

USING (select Name7 from TableMerge) AS src

ON target.Function\_name = src.Name7

WHEN MATCHED

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

WHEN not MATCHED and src.Name7 != '' and src.Name7 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name7, 1);

MERGE TableMerge\_Res AS target

USING (select Name8 from TableMerge) AS src

ON target.Function\_name = src.Name8

WHEN MATCHED

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

WHEN not MATCHED and src.Name8 != '' and src.Name8 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name8, 1);

MERGE TableMerge\_Res AS target

USING (select Name9 from TableMerge) AS src

ON target.Function\_name = src.Name9

WHEN MATCHED

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

WHEN not MATCHED and src.Name9 != '' and src.Name9 not like '\_' THEN

INSERT (Function\_name, Function\_Count)

VALUES (src.Name9, 1);



