Task 3

Создать таблицу с количеством использования функций, 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 |

SELECT DISTINCT Function\_name , COUNT (Function\_name) AS Function\_count

FROM

(SELECT Alex, Carlos, Charles, Daniel, Esteban, Fred, George, Lando, Lewis

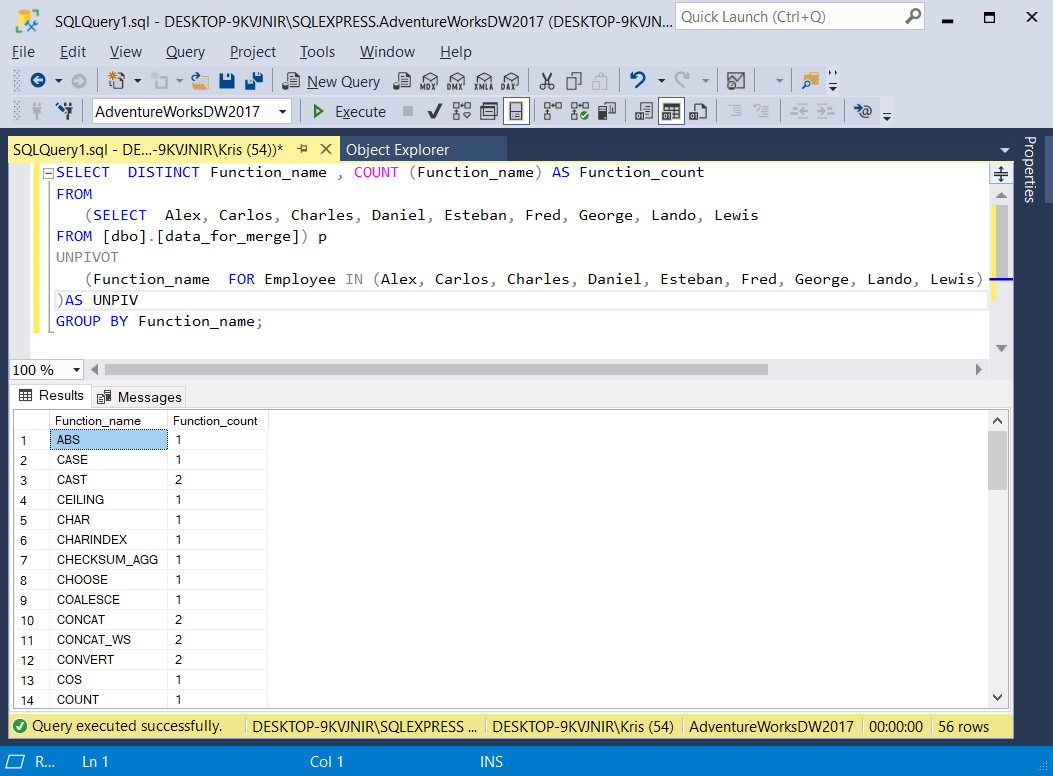
FROM [dbo].[data\_for\_merge]) p

UNPIVOT

(Function\_name FOR Employee IN (Alex, Carlos, Charles, Daniel, Esteban, Fred, George, Lando, Lewis)

) AS UNPIV

GROUP BY Function\_name;



CREATE TABLE Functions\_number

(

Function\_name nvarchar(50),

Function\_count int

);

MERGE Functions\_number target

USING

(SELECT Function\_name, COUNT(Function\_name) AS Function\_count

FROM

(SELECT Function\_name, Name

FROM

(SELECT Alex, Carlos, Charles, Daniel, Esteban, Fred, George, Lando, Lewis FROM [dbo].[data\_for\_merge]) AS NAME\_dfm

UNPIVOT

(Function\_name FOR Name IN (Alex, Carlos, Charles, Daniel, Esteban, Fred, George, Lando, Lewis)) AS UN\_NAME

) AS UNPVT

GROUP BY Function\_name

) source

ON target.Function\_name = source.Function\_name

WHEN MATCHED

THEN UPDATE SET target.Function\_name = source.Function\_name,

target.Function\_count = source.Function\_count

WHEN NOT MATCHED BY TARGET

THEN INSERT (Function\_name, Function\_count)

VALUES (source.Function\_name, source.Function\_count)

;

select \*

from Functions\_number;

