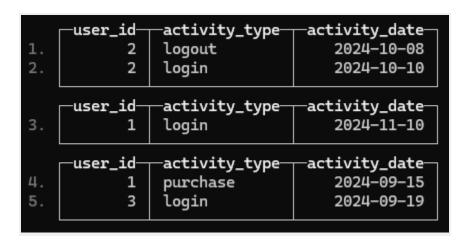
Мутация данных и манипуляции с партициями

• Создаю таблицы, наполнил данными:



• Выполнил мутацию, проверил результат:

```
ALTER TABLE user_activity

(UPDATE activity_type = 'logout' WHERE (user_id = 2) AND (activity_date = '2024-10-10'));
```

```
-activity_type-
     -user_id-
                                  -activity_date-
                                     2024-09-15
                purchase
            1
                login
2.
            3
                                     2024-09-19
                -activity_type-
                                  -activity_date-
     -user_id-
                logout
                                     2024-10-08
            2
                logout
                                     2024-10-10
                -activity_type-
                                  -activity_date-
     user_id-
                                     2024-11-10
                login
5.
```

SELECT

```
event_type,
    merged_from,
    part_name,
    merge_reason
FROM system.part_log
WHERE `table` = 'user_activity'
```

		_ ,		
	_event_type_	merged_from	part_name	merge_reason—
1.	NewPart	[]	20241110_1_1_0	NotAMerge
2.	NewPart	[]	20241010_2_2_0	NotAMerge
3.	NewPart	[]	20240919_3_3_0	NotAMerge
4.	NewPart	[]	20240915_4_4_0	NotAMerge
5.	NewPart	[]	20241008_5_5_0	NotAMerge
6.	MutatePart	['20241008_5_5_0']	20241008_5_5_0_6	NotAMerge
7.	MutatePart	['20241110_1_1_0']	20241110_1_1_0_6	NotAMerge
8.	MutatePart	['20241010_2_2_0']	20241010_2_2_0_6	NotAMerge
9.	MutatePart	['20240919_3_3_0']	20240919_3_3_0_6	NotAMerge
10.	MutatePart	['20240915_4_4_0']	20240915_4_4_0_6	NotAMerge
11.	RemovePart	[]	20240915_4_4_0	NotAMerge
12.	RemovePart	[]	20240919_3_3_0	NotAMerge
13.	RemovePart	[]	20241008_5_5_0	NotAMerge
14.	RemovePart	[]	20241010_2_2_0	NotAMerge
15.	RemovePart	[]	20241110_1_1_0	NotAMerge
16.	NewPart	[]	202411_1_1_0	NotAMerge
17.	NewPart	[]	202410_2_2_0	NotAMerge
18.	NewPart	[]	202409_3_3_0	NotAMerge
19.	MutatePart	['202410_2_2_0']	202410_2_2_0_4	NotAMerge
20.	MutatePart	['202409_3_3_0']	202409_3_3_0_4	NotAMerge
21.	MutatePart	['202411_1_1_0']	202411_1_1_0_4	NotAMerge

Пересоздал таблицу, поэтому тут есть лишние записи.

• Удаляю партицию за сентябрь, проверил результат:

```
ALTER TABLE user_activity
(DROP PARTITION '202409')
```

SELECT *

FROM user_activity

1.	—user_id—	—activity_type—	activity_date
	2	logout	2024-10-08
	2	logout	2024-10-10
3.	user_id	activity_type	activity_date
	1	login	2024-11-10