

# 3056. Snaps Analysis

## Description

Table: Activities

Column Name	Type
activity_id	int
user_id	int
activity_type	enum
time_spent	decimal

activity\_id is column of unique values for this table.  
activity\_type is an ENUM (category) type of ('send', 'open').  
This table contains activity id, user id, activity type and time spent.

Table: Age

Column Name	Type
user_id	int
age_bucket	enum

user\_id is the column of unique values for this table.  
age\_bucket is an ENUM (category) type of ('21-25', '26-30', '31-35').  
This table contains user id and age group.

Write a solution to calculate the **percentage** of the total time spent on **sending** and **opening snaps** for **each age group**. Percentage should be **rounded** to **2** decimal places.

Return *the result table in any order*.

The result format is in the following example.

### Example 1:

**Input:**  
Activities table:

activity_id	user_id	activity_type	time_spent
7274	123	open	4.50
2425	123	send	3.50
1413	456	send	5.67
2536	456	open	3.00
8564	456	send	8.24
5235	789	send	6.24
4251	123	open	1.25
1435	789	open	5.25

**Age table:**

user_id	age_bucket
123	31-35
789	21-25
456	26-30

**Output:**

age_bucket	send_perc	open_perc
31-35	37.84	62.16
26-30	82.26	17.74
21-25	54.31	45.69

**Explanation:**  
For age group 31-35:

- There is only one user belonging to this group with the user ID 123.
- The total time spent on sending snaps by this user is 3.50, and the time spent on opening snaps is 4.50 + 1.25 = 5.75.
- The overall time spent by this user is 3.50 + 5.75 = 9.25.
- Therefore, the sending snap percentage will be (3.50 / 9.25) \* 100 = 37.84, and the opening snap percentage will be (5.75 / 9.25) \* 100 = 62.16.

For age group 26-30:

- There is only one user belonging to this group with the user ID 456.
- The total time spent on sending snaps by this user is 5.67 + 8.24 = 13.91, and the time spent on opening snaps is 3.00.
- The overall time spent by this user is 13.91 + 3.00 = 16.91.
- Therefore, the sending snap percentage will be (13.91 / 16.91) \* 100 = 82.26, and the opening snap percentage will be (3.00 / 16.91) \* 100 = 17.74.

For age group 21-25:

- There is only one user belonging to this group with the user ID 789.
- The total time spent on sending snaps by this user is 6.24, and the time spent on opening snaps is 5.25.
- The overall time spent by this user is 6.24 + 5.25 = 11.49.
- Therefore, the sending snap percentage will be (6.24 / 11.49) \* 100 = 54.31, and the opening snap percentage will be (5.25 / 11.49) \* 100 = 45.69.

All percentages in output table rounded to the two decimal places.

