

Micro Experience: Investigating Drop in Ratings of a Streaming Platform

1. File: [users_activity_log.csv](#)

The file contains activity logs of users. Whenever a user clicks on an element (button, link, etc.), this action is recorded in the database with information like user ID, event type, name of event, time of action, OS, device, etc. The data in `users_activity_log.csv` is a subset of the full data and is of **after the update was released**.

Column Descriptions:

1. **user_id**: Unique ID of the user.
2. **occurred_at**: Date and time at which user performed the activity.
3. **event_name**: Name of the action or event.
 - a. **login**: User logs in to the platform.
 - b. **home**: User clicks on *Home* tab.
 - c. **library**: User clicks on *Library* tab.
 - d. **watchlists**: User clicks on *Watchlists* tab.
 - e. **settings**: User clicks on settings icon (*gear icon* before user's display picture).
 - f. **run_query**: User types something into search field and *presses the search button*.
 - g. **query_result_n**: User clicks on the search result. The **n (from 1 to 10)** at the end indicates the position of search results. For example, the value `query_result_7` indicates the user clicked on the 7th result from the top. The value `query_result_0` indicates, the user clicked on the search button, but instead of seeing the results, s/he gets an error message. In this case, s/he needs to retry searching.
 - h. **autocomplete_engine**: User starts typing into the search field and *clicks on one of the autocomplete suggestions*.
4. **os**: The OS on the device from which the user is logged in.
5. **os_version**: The version of OS installed on the user's device.
6. **device_id**: Unique ID of the device that the user used for logging in.

2. File: [device_details.csv](#)

The file contains device specifications in the columns as described below:

Column Descriptions:

1. **device_id**: Unique ID of the last-mile delivery partner (business partner)
2. **name**: Name of the device
3. **screen_size**: Size of the screen in inches (for phones)
4. **os_version**: Version of the OS the device came with
5. **ram**: RAM available in device
6. **battery**: Battery capacity of device in mAh

7. **chipset:** The chipset or SoC which powers the device