## **1. Cancellation rates,**

From the following table of user IDs, actions, and dates, write a query to return the publication and cancellation rate for each user.

users

|  |  |  |
| --- | --- | --- |
| User\_id | Action | date |
| 1 | Start | 1-1-20 |
| 1 | Cancel | 1-2-20 |
| 2 | Start | 1-3-20 |
| 2 | Publish | 1-4-20 |
| 3 | Start | 1-5-20 |
| 3 | Cancel | 1-6-20 |
| 1 | Start | 1-7-20 |
| 1 | publish | 1-8-20 |

Desired\_output

|  |  |  |
| --- | --- | --- |
| User\_id | Publish\_rate | Cancel\_rate |
| 1 | 0.5 | 0.5 |
| 2 | 1.0 | 0.0 |
| 3 | 0.0 | 1.0 |

1. Create above table and insert values,
2. Retrieve count of starts, cancels, and publishes for each user,
3. Calculate publication, cancelation rate for each user by dividing by number of starts, casting as float by multiplying by 1.0