1. SELECT SITE\_ID, COUNT(DISTINCT USER\_ID) AS USER\_COUNT

FROM Analytics

WHERE COUNTRY\_ID= “BDV”

GROUP BY SITE\_ID

ORDER BY COUNT(DISTINCT USER\_ID) DESC;

1. SELECT USER\_ID, SITE\_ID, COUNT(DISTINCT TS) AS NO\_TIMES

FROM Analytics

WHERE ts BETWEEN ‘2019-02-03 00:00:00’ AND ‘2019-02-04 23:59:59’

GROUP BY USER\_ID, SITE\_ID

HAVING COUNT(DISTINCT A.TS) >10

ORDER BY COUNT(DISTINCT TS) DESC;

1. SELECT USER\_ID, MAX(TS) AS LATEST

INTO LATEST\_VISITS

FROM Analytics

GROUP BY USER\_ID;

SELECT A.SITE\_ID, COUNT(DISTINCT A.TS) AS COUNTS

FROM Analytics AS A

JOIN LATEST\_VISITS AS B ON A.USER\_ID=B.USER\_ID AND A.TS=B.LATEST

GROUP BY SITE\_ID

ORDER BY COUNT(DISTINCT A.TS) DESC;

1. SELECT A.USER\_ID, A.SITE\_ID AS FIRST\_SITEID

INTO FIRST\_SITE

FROM ANALYTICS AS A

JOIN (SELECT USER\_ID, MIN(TS) AS FIRST\_VISIT FROM Analytics

GROUP BY USER\_ID) AS B ON A.USER\_ID=B.USER\_ID AND A.TA=B.FIRST\_VISIT;

SELECT A.USER\_ID, A.SITE\_ID AS LAST\_SITEID

INTO LAST\_SITE

FROM ANALYTICS AS A

JOIN (SELECT USER\_ID, MAX(TS) AS LAST\_VISIT FROM Analytics

GROUP BY USER\_ID) AS B ON A.USER\_ID=B.USER\_ID AND A.TA=B.LAST\_VISIT;

SELECT COUNT(DISTINCT USER\_ID) AS USERS

FROM LAST\_SITE AS A

JOIN FIRST\_SITE AS B ON A.USER\_ID=B.USER\_ID

WHERE A.FIRST\_SITEID=B.LAST\_SITEID;