Data--

```
9
10    /*  The table logs the spendings history of users that make purchases
11      from an online shopping website which has a desktop and a mobile application.
12       Write an SQL query to find the total number of users and
13      the total amount spent using mobile only, desktop only and
14      both mobile and desktop together for each date. */
15
16 •  SELECT * FROM spending;
```

user_id	spend_date	platform	amount
1	2019-07-01	mobile	100
1	2019-07-01	desktop	100
2	2019-07-01	mobile	100
2	2019-07-02	mobile	100
3	2019-07-01	desktop	100
3	2019-07-02	desktop	100

```sql
WITH all_spend AS
(    SELECT spend_date, user_id, MAX(platform) AS platform, SUM(amount) AS amount
     FROM spending
     GROUP BY spend_date, user_id HAVING COUNT(DISTINCT platform)= 1
     UNION ALL
     SELECT spend_date, user_id, 'Both' AS platform, SUM(amount) AS amount
     FROM spending
     GROUP BY spend_date, user_id HAVING COUNT(DISTINCT platform)= 2
     UNION ALL
     SELECT DISTINCT spend_date, NULL AS user_id, 'Both' AS platform, 0 AS amount
     FROM spending
)
SELECT spend_date, platform, SUM(amount) AS total_amount, COUNT(DISTINCT user_id) AS total_users
FROM all_spend
GROUP BY spend_date, platform
ORDER BY spend_date, platform DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

spend_date	platform	total_amount	total_users
2019-07-01	mobile	100	1
2019-07-01	desktop	100	1
2019-07-01	Both	200	1
2019-07-02	mobile	100	1
2019-07-02	desktop	100	1
2019-07-02	Both	0	0

THANK YOU

-- Mayuri D.