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Simple MySQL Solution: Easy to Understand and Fast

Morganmm

★ 191

October 5, 2019 3:40 AM

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Be careful if you use where in join here you would lose the Null occurrence of orders thus zero number of orders won't show up in the final table!

```
SELECT u.user_id AS buyer_id, join_date,
IFNULL(COUNT(order_date), 0) AS orders_in_2019
FROM Users as u
LEFT JOIN
Orders as o
ON u.user_id = o.buyer_id
AND YEAR(order_date) = '2019'
GROUP BY u.user_id
```

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lyshen2862

★ 6

November 7, 2019 3:55 AM

Hi, can I ask a question? Why there is a difference between using AND YEAR(order_date) and WHERE YEAR(order_date) Thanks.

4

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coco987

★ 22

April 25, 2020 10:51 PM

I learned the difference of Joining with "AND" and "WHERE" from your answer. Thank you.

1

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jayzhang0614061

★ 4

March 8, 2020 3:37 AM

Should you group by join_date as well? otherwise, you will have an error

0

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Ish9014

★ 0

October 29, 2019 3:16 AM

Hi there, thanks for your answer!

I was just wondering why do we get a different answer when using 'JOIN' instead of 'LEFT JOIN'?

0

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