

In []: Questions 1: Assume we have Last three years data of a restaurant as mentioned below

Invoice id	invoice date	user id	final price
1	22-05-2022	36	356.98
2	22-05-2022	630	530.00
3	3-04-2022	45	78.00

can you write a sql query which will find "In the year 2021, which month has the

//=====List of Assumptions=====

1. Table name is restaurant_data
2. Last three years are 2021,2022 and 2023
3. Column names are invoice_id, invoice_date, user_id, final_price
4. Replace user_id with quantity
5. invoice_date in string data type

//===== Logic or Approach=====

- Step1 - Extract the month and year from given date column
- Step2 - Compute the total sales using qty and final price columns
- Step3 - Define condition for year 2021 data
- Step4 - Group by the month and year
- Step5 - Sort by the total sales in desc
- Step6 - Limit by 1 to get top row

//=====write your code here=====

```
SELECT
    DATE_FORMAT(invoice_date, '%Y-%m') AS month_year,
    SUM(quantity * final_price) AS total_sales
FROM
    restaurant_data
WHERE
    invoice_date BETWEEN '2021-01-01' AND '2021-12-31'
GROUP BY
    month_year
ORDER BY
    total_sales DESC
LIMIT 1;
```