

Assignment - SQL

1. Write a query to Find the booth assignments for vendor_id 7 for all dates between April 3, 2019 and May 16, 2019, (including the 2 dates). (farmers_market dataset)

SQL QUERY:-

```
select * from `farmers_market.vendor_booth_assignments`  
where market_date between '2019-04-03' and '2019-05-16' and vendor_id=7
```

2. Write a query to get data about a customer you knew as “Jer” but you are not sure if they are listed as Jeremy or Jeremiah or Jerry. (farmers_market dataset)

SQL QUERY:-

```
select * from `farmers_market.customer`  
where lower(customer_first_name) like "jer%"
```

3. Print a report of everything the customer_id 4 has ever purchased at the market, sorted by date. (farmers_market dataset)

SQL QUERY:-

```
select * from `farmers_market.customer_purchases`  
where customer_id=4  
order by market_date
```

4. Write a query to find all the details of the product that has the third-highest revenue.

Note: (Do not perform this on farmers market data set)

New Dataset name : Supermarket (Imaginary dataset)

Table name : Products (Imaginary column)

Attributes of the table : Product_ID, Product_name, Revenue

- **Return all the columns.**
- **No two products have the same revenue. (i.e, all the values in the revenue column are unique).**

SQL QUERY:-

```
select * from 'Supermarket.Products'  
order by Revenue desc  
limit 1  
offset 2
```