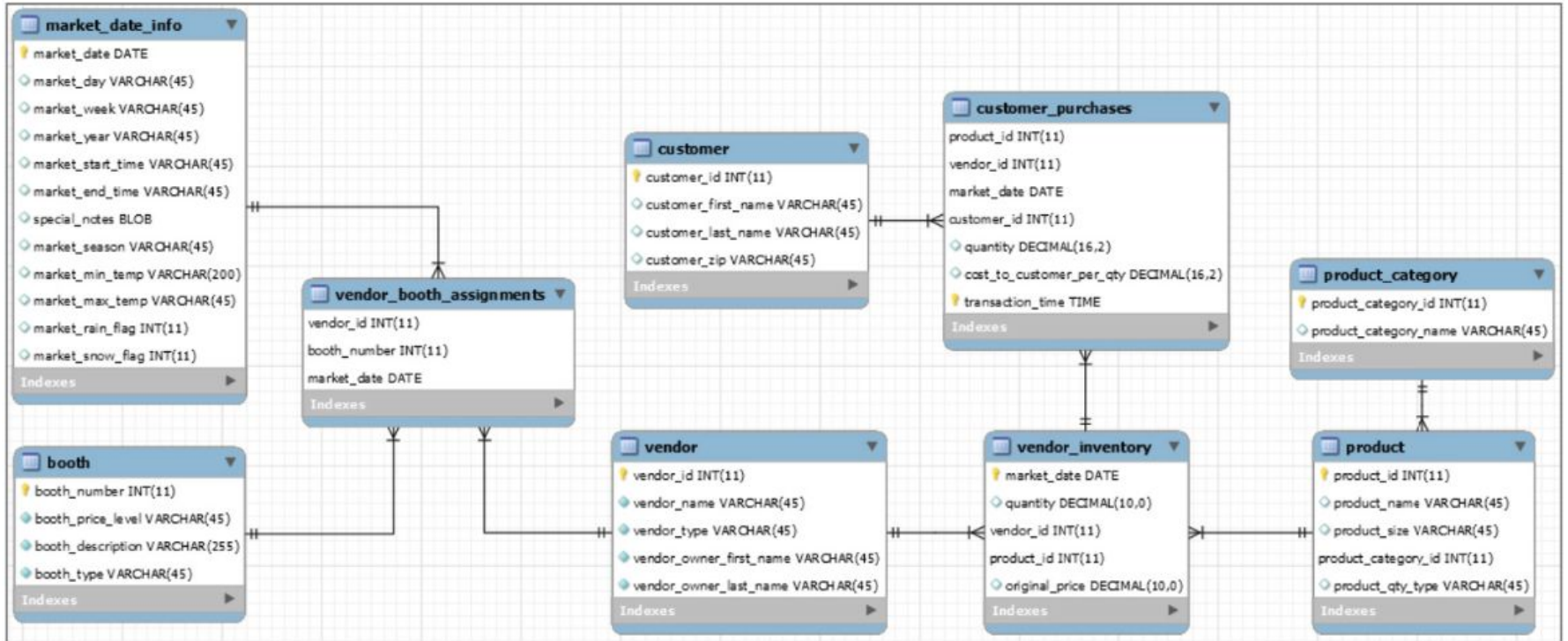


SQL-01 | Basic Keywords and Functions

Lecture Queries

Schema



Question: Get all the products available in the market.

```
SELECT * FROM farmers_market.product;
```

Question: Explore vendor_booth_assignments.

List down 10 rows of farmer's market vendor booth assignments, displaying the market date, vendor ID, and booth number from the vendor_booth_assignments table.

```
SELECT market_date, vendor_id, booth_number  
FROM farmers_market.vendor_booth_assignments  
LIMIT 10
```

Question: In the customer purchases, we have quantity and cost per qty separate, query the total amount that the customer has paid along with date, customer id, vendor_id, qty, cost per qty and the total amt.?

```
SELECT
    market_date,
    customer_id,
    vendor_id,
    quantity,
    cost_to_customer_per_qty,
    quantity * cost_to_customer_per_qty
FROM farmers_market.customer_purchases
LIMIT 10
```

Rounding off:

```
SELECT
    market_date,
    customer_id,
    vendor_id,
    ROUND(quantity *
cost_to_customer_per_qty, 2) AS price
FROM
farmers_market.customer_purchases
LIMIT 10
```

Question: We want to merge each customer's name into a single column that contains the first name, then a space, and then the last name.

```
SELECT  
customer_id,  
CONCAT(customer_first_name, " ", customer_last_name) AS  
customer_name  
FROM farmers_market.customer  
LIMIT 5
```

Question: Display the first name and first character of the last name

```
SELECT  
customer_id,  
customer_first_name,  
customer_last_name,  
CONCAT(UPPER(customer_first_name), " ",  
SUBSTR(customer_last_name, 1, 1)) AS full_name  
FROM `farmers_market.customer`
```