

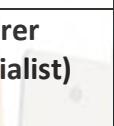


## In Keaton, We Trust!

### Customized E-Commerce Business Model

**“Cust-IT!!” – One Stop Destination for Customized Clothing and Apparels**

#### Team Introduction:

<b>Data Diva (Data Designer)</b>   <b>Venkat</b>	<p>Hi, this is Venkat! In the realm of data, SQL is my wand, and the database is my canvas. With a flick of my queries, I orchestrate data in a way that transforms chaos into a melodious dance. Just as a composer crafts music, I compose the data into elegant symphonies that reveal the stories hidden within and tries to turn the complex queries into harmonious symphonies!</p>
<b>Data Dynamo (Data Analyst)</b>   <b>Pavan</b>	<p>Hi, this is Pavan! Just as Sherlock Holmes dissects clues and solves mysteries, I delve into the depths of data. I am the investigator who scours the digital landscape, revealing secrets and unravelling the stories that data conceals. With data as magnifying glass and algorithms as my trusty sidekick, I am here to unlock the truth and shed light on the most cryptic of data puzzles.</p>
<b>Schema Sorcerer (Schema Specialist)</b>   <b>Kartheek</b>	<p>Hi, this is Kartheek! Just as a master architect designs the blueprint for a magnificent structure, I craft the foundation of our digital world. I meticulously design the schema, ensuring that our data structures are not robust but elegant, ready to support the weight of our ambitions by building the Digital Realm's Foundation with Precision.</p>
<b>Query Queen (Query Optimization Expert)</b>   <b>Rupa</b>	<p>Hi, this is Rupa! In the world of data, efficiency is the name of the game. I orchestrate our database to achieve peak performance. I craft queries in a better way ensuring that even when faced with colossal data volumes, our systems hums with grace and agility.</p>
<b>Data Artisan (Data Visualization Expert)</b>   <b>Dinesh</b>	<p>Hi, this is Dinesh! Just as Artist wields a brush to create stunning canvases, I harness the power of visualization to turn raw data into captivating narratives. Each chart and graph I design is a stroke of insight, transforming complex information into a symphony of colors and shapes that not only inform but also inspire. I bring life to the data, and in doing so, I make it accessible and unforgettable.</p>

Together, we are the DBMS- "In Keaton, We Trust! "Team, and our mission is to conquer the data labyrinth and transform it into a treasure trove of insights for our project. We will try to build a unique business model and inspire others by doing so...

## Scope of the Project:

The scope of a customized e-commerce business model like us can be quite significant and promising. It also caters to the increasing demand for the personalized fashion and will value every individual expression regarding the fashion and design. Trying to build a loyal customer base in the Niche markets eco-friendly clothing, athletic wear, cultural apparel. This Business model can also overcome the scalability issues, risk of over-customization and over-production thus building the successful business with huge profits.

## Drawbacks in the Current Customized E-Commerce Business Model:

While customized e-commerce business models offer several advantages, they also come along with their set of drawbacks and challenges. This includes:

1. Limited Scalability
2. Not giving the importance to the customers interest in the clothing they wear
3. Not unleashing the design skills in the customers
4. Risk of Over-customization
5. Risk of Over-production

## Description of Intended Solution:

Here, we are trying to sell the Clothes, Apparels, and other gifts in a customized fashion desired by the users. Here customers will have the authority to choose their color, size, style, fabric type, text to be printed on it, any graphic elements to be printed on it (here they can choose the graphics from a wide range of styles we have and can upload the one they adore).

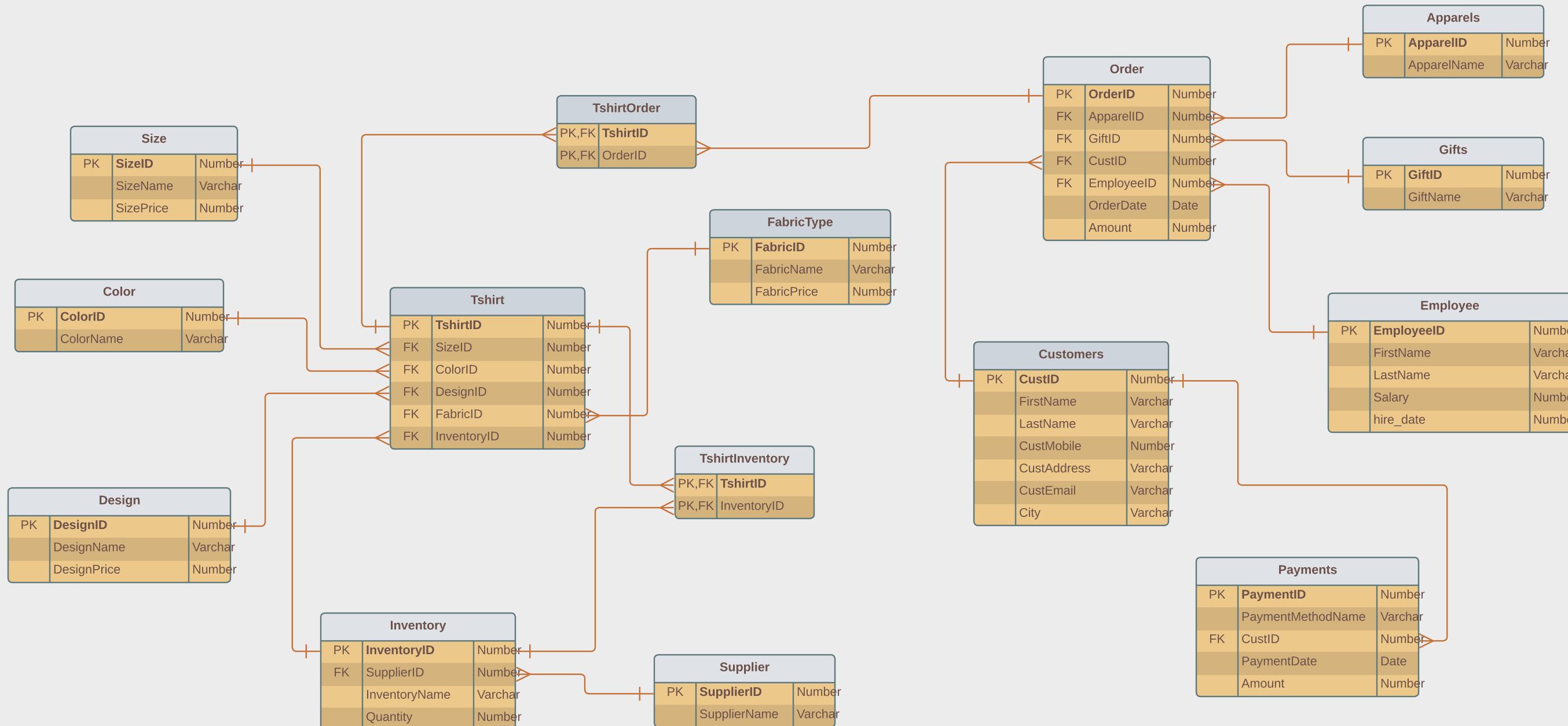
Here, unlike other business models, we are trying to focus on the Supply on Demand Production strategies by running different campaigns like Polling the customized clothes and gifts, suggesting new customization trends, targeting the diverse customer base by running a different social media campaigns. For Example: We will run Color of the month, Design of the Month like campaigns to produce the desired color and design for that month and solving the problem of overproduction.

Here Unlike the Walmart and Amazon having high scalability, our business model will have the less Scalability at the initial stage, and we can have a good customer support too.

Thus, Trying to Build More HAPPY CUSTOMERS!! Through Our Model.

## Customized E-Commerce Business Model ERD

Naga Kartheek | November 8, 2023



## BUSINESS RULES

While implementing customized e-commerce business model, it is important to establish specific business rules to govern data management, access and security.

Here are some BUSINESS RULES for Customized E-commerce Business Model:

1. Validate the orders and prevent duplicate or fraudulent orders.
2. Securely handle payment data and transactions following proper standards.
3. Restrict the access to customer payment information to authorized person only.
4. Track and update the inventory levels in real-time to prevent overselling and stacking.
5. Protect the customers data by strictly following the data regulations.
6. Try to manage the marketing campaigns and track their awareness in real-time thereby increase your business.
7. Apply the pricing rules continuously and consistently, calculate the discounts accurately based on the seasonal discounts on your desired data ranges.
8. Gather all the feedback from the Customers so that it will be helpful in improving the E-Commerce business platform.

These business rules will serve as a foundation for our Customized E-Commerce business model and help us to ensure that our operations will run smoothly and customer-friendly by following the relevant rules and regulations. Moreover, these rules can be integrated with our application's logic and user interfaces to provide an easy and efficient E-commerce experience to the customers.

```
CREATE TABLE EMPLOYEE
(
    employee_id NUMBER,
    First_name VARCHAR(50) NOT NULL,
    Last_name VARCHAR(50) NOT NULL,
    Salary NUMBER,
    Hire_Date DATE NOT NULL,
    PRIMARY KEY(employee_id)
);
CREATE TABLE GIFTS
(
    gift_id NUMBER,
    gift_name VARCHAR(50) NOT NULL,
    PRIMARY KEY(gift_id)
);
CREATE TABLE APPARELS
(
    apparel_id NUMBER,
    apparel_name VARCHAR(50) NOT NULL,
    PRIMARY KEY(apparel_id)
);
CREATE TABLE COLOR
(
    color_id NUMBER,
    color_name VARCHAR(50) NOT NULL,
    PRIMARY KEY(color_id)
);
CREATE TABLE SIZES
(
    size_id NUMBER,
    size_name VARCHAR(50) NOT NULL,
    size_price NUMBER NOT NULL,
    PRIMARY KEY(size_id)
);
CREATE TABLE DESIGN
(
    design_id NUMBER,
    design_name VARCHAR(50) NOT NULL,
    design_price NUMBER NOT NULL,
    PRIMARY KEY(design_id)
);
CREATE TABLE FABRIC_TYPE
(
    fabric_id NUMBER,
    fabric_name VARCHAR(50) NOT NULL,
    fabric_price NUMBER NOT NULL,
    PRIMARY KEY(fabric_id)
);
CREATE TABLE SUPPLIER
(
    supplier_id NUMBER,
    supplier_name VARCHAR(50) NOT NULL,
    PRIMARY KEY(supplier_id)
);
CREATE TABLE INVENTORY
(
    inventory_id NUMBER,
    supplier_id NUMBER,
    inventory_name VARCHAR(50) NOT NULL,
    quantity NUMBER,
    PRIMARY KEY(inventory_id),
    FOREIGN KEY(supplier_id) references supplier(supplier_id)
);
CREATE TABLE CUSTOMERS
(
    customer_id NUMBER,
    first_name VARCHAR(50) NOT NULL,
    last_name VARCHAR(50) NOT NULL,
    cust_mobile NUMBER,
    cust_address VARCHAR(50),
    City VARCHAR(50),
    Email VARCHAR(50),
    PRIMARY KEY(customer_id)
);
CREATE TABLE PAYMENTS
(
    payment_id NUMBER,
    payment_method_name VARCHAR(10) NOT NULL,
    customer_id NUMBER,
    PRIMARY KEY(payment_id)
);
```

```

Payment_Date DATE NOT NULL,
Amount NUMBER,
PRIMARY KEY(payment_id),
FOREIGN KEY(customer_id) references customer(customer_id)
);
CREATE TABLE ORDERS
(
order_id NUMBER,
apparel_id NUMBER,
gift_id NUMBER,
customer_id NUMBER,
employee_id NUMBER,
order_date DATE NOT NULL,
Order_Amount NUMBER,
PRIMARY KEY(order_id),
FOREIGN KEY(apparel_id) references apparels(apparel_id),
FOREIGN KEY(gift_id) references gifts(gift_id),
FOREIGN KEY(employee_id) references employee(employee_id),
FOREIGN KEY(customer_id) references customer(customer_id)
);

CREATE TABLE TSHIRTS
(
tshirt_id NUMBER,
size_id NUMBER,
color_id NUMBER,
design_id NUMBER,
fabric_id NUMBER,
inventory_id NUMBER,
PRIMARY KEY(tshirt_id),
FOREIGN KEY(size_id) references sizes(size_id),
FOREIGN KEY(color_id) references color(color_id),
FOREIGN KEY(design_id) references design(design_id),
FOREIGN KEY(fabric_id) references fabric_type(fabric_id),
FOREIGN KEY(inventory_id) references inventory(inventory_id)
);

INSERT INTO EMPLOYEE VALUES (1, 'John', 'Doe', 50000, '01-JAN-23');
INSERT INTO EMPLOYEE VALUES (2, 'Jane', 'Smith', 60000, '01-JAN-23');
INSERT INTO EMPLOYEE VALUES (3, 'Michael', 'Johnson', 55000, '02-JAN-23');
INSERT INTO EMPLOYEE VALUES (4, 'Emily', 'Brown', 70000, '02-JAN-23');
INSERT INTO EMPLOYEE VALUES (5, 'David', 'Wilson', 48000, '03-JAN-23');
INSERT INTO EMPLOYEE VALUES (6, 'Sarah', 'Jones', 62000, '03-JAN-23');
INSERT INTO EMPLOYEE VALUES (7, 'William', 'Davis', 53000, '04-JAN-23');
INSERT INTO EMPLOYEE VALUES (8, 'Olivia', 'Martinez', 75000, '04-JAN-23');
INSERT INTO EMPLOYEE VALUES (9, 'James', 'Garcia', 54000, '05-JAN-23');
INSERT INTO EMPLOYEE VALUES (10, 'Sophia', 'Rodriguez', 67000, '05-JAN-23');
INSERT INTO EMPLOYEE VALUES (11, 'Daniel', 'Hernandez', 52000, '06-JAN-23');
INSERT INTO EMPLOYEE VALUES (12, 'Isabella', 'Lopez', 58000, '06-JAN-23');
INSERT INTO EMPLOYEE VALUES (13, 'Benjamin', 'Williams', 71000, '07-JAN-23');
INSERT INTO EMPLOYEE VALUES (14, 'Ava', 'Taylor', 49000, '07-JAN-23');
INSERT INTO EMPLOYEE VALUES (15, 'Logan', 'Anderson', 65000, '08-JAN-23');
INSERT INTO EMPLOYEE VALUES (16, 'Mia', 'Clark', 56000, '08-JAN-23');
INSERT INTO EMPLOYEE VALUES (17, 'Elijah', 'Moore', 72000, '09-JAN-23');
INSERT INTO EMPLOYEE VALUES (18, 'Amelia', 'Lee', 51000, '09-JAN-23');
INSERT INTO EMPLOYEE VALUES (19, 'Henry', 'White', 69000, '10-JAN-23');
INSERT INTO EMPLOYEE VALUES (20, 'Chloe', 'Walker', 47000, '10-JAN-23');

select * from EMPLOYEE;

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (1, 'John', 'Doe', 5551234567, '123 Main St', 'New York', 'john.doe@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (2, 'Jane', 'Smith', 5559876543, '456 Elm St', 'Los Angeles', 'jane.smith@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (3, 'Michael', 'Johnson', 5555555555, '789 Oak St', 'Chicago', 'michael.johnson@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (4, 'Emily', 'Brown', 5551112222, '321 Birch St', 'Houston', 'emily.brown@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (5, 'David', 'Wilson', 5553334444, '567 Pine St', 'Phoenix', 'david.wilson@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)

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VALUES (6, 'Sarah', 'Jones', 5552223333, '654 Cedar St', 'Philadelphia', 'sarah.jones@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (7, 'William', 'Davis', 5554445555, '789 Maple St', 'San Antonio', 'william.davis@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (8, 'Olivia', 'Martinez', 5556667777, '432 Redwood St', 'San Diego', 'olivia.martinez@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (9, 'James', 'Garcia', 5553338888, '876 Fir St', 'Dallas', 'james.garcia@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (10, 'Sophia', 'Rodriguez', 5552229999, '987 Cedar St', 'San Jose', 'sophia.rodriguez@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (11, 'Daniel', 'Hernandez', 5557775555, '234 Elm St', 'Austin', 'daniel.hernandez@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (12, 'Isabella', 'Lopez', 5558884444, '543 Oak St', 'Jacksonville', 'isabella.lopez@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (13, 'Benjamin', 'Williams', 5555552222, '765 Pine St', 'San Francisco', 'benjamin.williams@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (14, 'Ava', 'Taylor', 5554441111, '123 Birch St', 'Indianapolis', 'ava.taylor@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (15, 'Logan', 'Anderson', 5556663333, '654 Cedar St', 'Columbus', 'logan.anderson@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (16, 'Mia', 'Clark', 5551118888, '876 Fir St', 'Charlotte', 'mia.clark@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (17, 'Elijah', 'Moore', 5557777777, '876 Fir St', 'San Francisco', 'elijah.moore@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (18, 'Amelia', 'Lee', 5559991111, '321 Birch St', 'Los Angeles', 'amelia.lee@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (19, 'Henry', 'White', 5552228888, '567 Pine St', 'Chicago', 'henry.white@email.com');

INSERT INTO CUSTOMERS (customer_id, first_name, last_name, cust_mobile, cust_address, City, Email)
VALUES (20, 'Chloe', 'Walker', 5553335555, '765 Pine St', 'San Antonio', 'chloe.walker@email.com');

SELECT * FROM CUSTOMERS;

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (1, 'Online', 1, '15-JAN-23', 100);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (2, 'Cash', 2, '20-JAN-23', 75);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (3, 'Online', 3, '10-FEB-23', 120);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (4, 'Cash', 4, '28-FEB-23', 50);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (5, 'Online', 5, '03-MAR-23', 80);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (6, 'Cash', 6, '15-MAR-23', 95);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (7, 'Online', 7, '05-APR-23', 110);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (8, 'Cash', 8, '12-APR-23', 70);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (9, 'Online', 9, '07-MAY-23', 130);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (10, 'Cash', 10, '18-MAY-23', 90);

INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (11, 'Online', 11, '03-JUN-23', 85);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (12, 'Cash', 12, '20-JUN-23', 60);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (13, 'Online', 13, '09-JUL-23', 125);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (14, 'Cash', 14, '19-JUL-23', 40);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (15, 'Online', 15, '05-AUG-23', 70);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (16, 'Cash', 16, '21-AUG-23', 105);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (17, 'Online', 17, '10-SEP-23', 115);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (18, 'Cash', 18, '25-SEP-23', 65);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (19, 'Online', 19, '12-OCT-23', 95);
```

```
INSERT INTO PAYMENTS (payment_id, payment_method_name, customer_id, Payment_Date, Amount)
VALUES (20, 'Cash', 20, '29-OCT-23', 55);
```

```
SELECT * FROM PAYMENTS;
```

```
INSERT INTO apparels (apparel_id, apparel_name) VALUES (1, 'T-Shirt');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (2, 'Jeans');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (3, 'Sweater');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (4, 'Dress');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (5, 'Shorts');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (6, 'Jacket');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (7, 'Skirt');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (8, 'Blouse');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (9, 'Pants');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (10, 'Hoodie');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (11, 'Coat');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (12, 'Socks');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (13, 'Shirt');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (14, 'Hat');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (15, 'Belt');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (16, 'Gloves');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (17, 'Scarf');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (18, 'Sunglasses');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (19, 'Shoes');
INSERT INTO apparels (apparel_id, apparel_name) VALUES (20, 'Pajamas');
```

```
select * from apparels;
```

```
INSERT INTO gifts (gift_id, gift_name) VALUES (1, 'Flower Bouquet');
INSERT INTO gifts (gift_id, gift_name) VALUES (2, 'Chocolates');
INSERT INTO gifts (gift_id, gift_name) VALUES (3, 'Perfume');
INSERT INTO gifts (gift_id, gift_name) VALUES (4, 'Jewelry');
INSERT INTO gifts (gift_id, gift_name) VALUES (5, 'Gift Card');
INSERT INTO gifts (gift_id, gift_name) VALUES (6, 'Candle Set');
INSERT INTO gifts (gift_id, gift_name) VALUES (7, 'Stuffed Animal');
INSERT INTO gifts (gift_id, gift_name) VALUES (8, 'Wine Bottle');
INSERT INTO gifts (gift_id, gift_name) VALUES (9, 'Photo Frame');
INSERT INTO gifts (gift_id, gift_name) VALUES (10, 'Spa Voucher');
INSERT INTO gifts (gift_id, gift_name) VALUES (11, 'Watch');
INSERT INTO gifts (gift_id, gift_name) VALUES (12, 'Board Game');
INSERT INTO gifts (gift_id, gift_name) VALUES (13, 'Handbag');
INSERT INTO gifts (gift_id, gift_name) VALUES (14, 'Wallet');
INSERT INTO gifts (gift_id, gift_name) VALUES (15, 'Tech Gadgets');
INSERT INTO gifts (gift_id, gift_name) VALUES (16, 'Books');
INSERT INTO gifts (gift_id, gift_name) VALUES (17, 'Kitchen Appliances');
INSERT INTO gifts (gift_id, gift_name) VALUES (18, 'Musical Instrument');
INSERT INTO gifts (gift_id, gift_name) VALUES (19, 'Art Supplies');
INSERT INTO gifts (gift_id, gift_name) VALUES (20, 'Subscription Service');
```

```
select * from gifts;
```

```
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (1, 'Cotton', 10.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (2, 'Silk', 19.99);
```

```

INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (3, 'Denim', 14.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (4, 'Wool', 22.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (5, 'Linen', 12.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (6, 'Polyester', 9.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (7, 'Velvet', 26.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (8, 'Leather', 29.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (9, 'Satin', 17.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (10, 'Flannel', 18.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (11, 'Jersey', 11.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (12, 'Tweed', 23.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (13, 'Chiffon', 15.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (14, 'Lace', 20.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (15, 'Cashmere', 27.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (16, 'Corduroy', 16.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (17, 'Suede', 21.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (18, 'Tulle', 13.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (19, 'Organza', 24.99);
INSERT INTO fabric_type (fabric_id, fabric_name, fabric_price) VALUES (20, 'Fleece', 14.99);

```

```
select * from fabric_type;
```

```

INSERT INTO color (color_id, color_name) VALUES (1, 'Red');
INSERT INTO color (color_id, color_name) VALUES (2, 'Blue');
INSERT INTO color (color_id, color_name) VALUES (3, 'Green');
INSERT INTO color (color_id, color_name) VALUES (4, 'Yellow');
INSERT INTO color (color_id, color_name) VALUES (5, 'Purple');
INSERT INTO color (color_id, color_name) VALUES (6, 'Orange');
INSERT INTO color (color_id, color_name) VALUES (7, 'Pink');
INSERT INTO color (color_id, color_name) VALUES (8, 'Black');
INSERT INTO color (color_id, color_name) VALUES (9, 'White');
INSERT INTO color (color_id, color_name) VALUES (10, 'Brown');
INSERT INTO color (color_id, color_name) VALUES (11, 'Gray');
INSERT INTO color (color_id, color_name) VALUES (12, 'Turquoise');
INSERT INTO color (color_id, color_name) VALUES (13, 'Lavender');
INSERT INTO color (color_id, color_name) VALUES (14, 'Beige');
INSERT INTO color (color_id, color_name) VALUES (15, 'Maroon');
INSERT INTO color (color_id, color_name) VALUES (16, 'Navy');
INSERT INTO color (color_id, color_name) VALUES (17, 'Teal');
INSERT INTO color (color_id, color_name) VALUES (18, 'Olive');
INSERT INTO color (color_id, color_name) VALUES (19, 'Crimson');
INSERT INTO color (color_id, color_name) VALUES (20, 'Indigo');

```

```
select * from color;
```

```

INSERT INTO design (design_id, design_name, design_price) VALUES (1, 'Stripes', 12.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (2, 'Floral', 14.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (3, 'Geometric', 11.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (4, 'Abstract', 16.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (5, 'Polka Dots', 10.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (6, 'Plaid', 15.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (7, 'Chevron', 13.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (8, 'Herringbone', 18.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (9, 'Paisley', 12.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (10, 'Tie-Dye', 14.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (11, 'Camouflage', 11.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (12, 'Ikat', 16.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (13, 'Tartan', 10.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (14, 'Mosaic', 15.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (15, 'Animal Print', 13.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (16, 'Damask', 18.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (17, 'Tribal', 12.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (18, 'Patchwork', 14.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (19, 'Camo', 11.99);
INSERT INTO design (design_id, design_name, design_price) VALUES (20, 'Houndstooth', 16.99);

```

```
select * from design;
```

```

INSERT INTO supplier (supplier_id, supplier_name) VALUES (1, 'Supplier A');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (2, 'Supplier B');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (3, 'Supplier C');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (4, 'Supplier D');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (5, 'Supplier E');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (6, 'Supplier F');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (7, 'Supplier G');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (8, 'Supplier H');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (9, 'Supplier I');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (10, 'Supplier J');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (11, 'Supplier K');

```

```

INSERT INTO supplier (supplier_id, supplier_name) VALUES (12, 'Supplier L');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (13, 'Supplier M');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (14, 'Supplier N');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (15, 'Supplier O');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (16, 'Supplier P');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (17, 'Supplier Q');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (18, 'Supplier R');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (19, 'Supplier S');
INSERT INTO supplier (supplier_id, supplier_name) VALUES (20, 'Supplier T');

select * from supplier;

INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (1, 1, 'Product A', 100);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (2, 3, 'Product B', 50);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (3, 5, 'Product C', 75);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (4, 4, 'Product D', 120);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (5, 6, 'Product E', 90);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (6, 8, 'Product F', 60);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (7, 9, 'Product G', 110);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (8, 10, 'Product H', 70);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (9, 12, 'Product I', 45);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (10, 13, 'Product J', 80);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (11, 2, 'Item X', 60);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (12, 20, 'Item Y', 30);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (13, 18, 'Item Z', 40);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (14, 19, 'Item W', 55);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (15, 11, 'Item V', 70);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (16, 14, 'Item U', 90);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (17, 16, 'Item T', 35);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (18, 15, 'Item S', 75);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (19, 18, 'Item R', 50);
INSERT INTO inventory (inventory_id, supplier_id, inventory_name, quantity) VALUES (20, 17, 'Item Q', 65);

select * from inventory;

INSERT INTO sizes (size_id, size_name, size_price) VALUES (1, 'Small', 19.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (2, 'Medium', 24.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (3, 'Large', 29.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (4, 'XL', 34.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (5, 'XXL', 39.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (6, 'XS', 18.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (7, 'S', 20.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (8, 'M', 25.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (9, 'L', 30.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (10, 'XXS', 17.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (11, '3T', 22.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (12, '4T', 27.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (13, '5T', 32.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (14, '6', 37.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (15, '7', 42.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (16, '8', 21.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (17, '10', 26.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (18, '12', 31.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (19, '14', 36.99);
INSERT INTO sizes (size_id, size_name, size_price) VALUES (20, '16', 41.99);

select * from sizes;

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (1, 1, 1, 1, 1, 1);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (2, 2, 2, 2, 2, 2);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (3, 3, 3, 3, 3, 3);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (4, 4, 4, 4, 4, 4);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (5, 5, 5, 5, 5, 5);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (6, 1, 2, 3, 4, 6);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)

```

```
VALUES (7, 2, 3, 4, 5, 7);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (8, 3, 4, 5, 1, 8);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (9, 4, 5, 1, 2, 9);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (10, 5, 1, 2, 3, 10);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (11, 1, 3, 5, 2, 11);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (12, 2, 4, 1, 3, 12);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (13, 3, 5, 2, 4, 13);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (14, 4, 1, 3, 5, 14);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (15, 5, 2, 4, 1, 15);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (16, 1, 4, 2, 3, 16);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (17, 2, 5, 3, 4, 17);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (18, 3, 1, 4, 5, 18);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (19, 4, 2, 5, 1, 19);

INSERT INTO TSHIRTS (tshirt_id, size_id, color_id, design_id, fabric_id, inventory_id)
VALUES (20, 5, 3, 1, 2, 20);

select * from TSHIRTS;

INSERT INTO ORDERS VALUES (1, 1, 1, 1, 1, '01-JAN-23', 50);

INSERT INTO ORDERS VALUES (2, 2, 2, 2, 2, '02-JAN-23', 60);
INSERT INTO ORDERS VALUES (3, 3, 3, 3, 3, '03-JAN-23', 70);

INSERT INTO ORDERS VALUES (4, 4, 4, 4, 4, '04-JAN-23', 80);

INSERT INTO ORDERS VALUES (5, 5, 5, 5, 5, '05-JAN-23', 90);

INSERT INTO ORDERS VALUES (6, 6, 6, 6, 6, '06-JAN-23', 100);

INSERT INTO ORDERS VALUES (7, 7, 7, 7, 7, '07-JAN-23', 110);

INSERT INTO ORDERS VALUES (8, 8, 8, 8, 8, '08-JAN-23', 120);

INSERT INTO ORDERS VALUES (9, 9, 9, 9, 9, '09-JAN-23', 130);

INSERT INTO ORDERS VALUES (10, 10, 10, 10, 10, '10-JAN-23', 140);

INSERT INTO ORDERS VALUES (11, 11, 11, 11, 11, '11-JAN-23', 150);

INSERT INTO ORDERS VALUES (12, 12, 12, 12, 12, '12-JAN-23', 160);

INSERT INTO ORDERS VALUES (13, 13, 13, 13, 13, '13-JAN-23', 170);

INSERT INTO ORDERS VALUES (14, 14, 14, 14, 14, '14-JAN-23', 180);

INSERT INTO ORDERS VALUES (15, 15, 15, 15, 15, '15-JAN-23', 190);

INSERT INTO ORDERS VALUES (16, 16, 16, 16, 16, '16-JAN-23', 200);

INSERT INTO ORDERS VALUES (17, 17, 17, 17, 17, '17-JAN-23', 210);

INSERT INTO ORDERS VALUES (18, 18, 18, 18, 18, '18-JAN-23', 220);
```

```
INSERT INTO ORDERS VALUES (19, 19, 19, 19, 19, '19-JAN-23', 230);  
INSERT INTO ORDERS VALUES (20, 20, 20, 20, 20, '20-JAN-23', 240);  
select * from ORDERS;
```

Employee table:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY	HIRE_DATE
1	John	Doe	50000	01-JAN-23
2	Jane	Smith	60000	01-JAN-23
3	Michael	Johnson	55000	02-JAN-23
4	Emily	Brown	70000	02-JAN-23
5	David	Wilson	48000	03-JAN-23
6	Sarah	Jones	62000	03-JAN-23
7	William	Davis	53000	04-JAN-23

Gifts table:

GIFT_ID	GIFT_NAME
1	Flower Bouquet
2	Chocolates
3	Perfume
4	Jewelry
5	Gift Card
6	Candle Set
7	Stuffed Animal

Apparels table:

APPAREL_ID	APPAREL_NAME
1	T-Shirt
2	Jeans
3	Sweater
4	Dress
5	Shorts
6	Jacket
7	Skirt

Color table:

COLOR_ID	COLOR_NAME
1	Red
2	Blue
3	Green
4	Yellow
5	Purple
6	Orange
7	Pink

Sizes table:

SIZE_ID	SIZE_NAME	SIZE_PRICE
1	Small	19.99
2	Medium	24.99
3	Large	29.99
4	XL	34.99
5	XXL	39.99
6	XS	18.99
7	S	20.99

Design table:

DESIGN_ID	DESIGN_NAME	DESIGN_PRICE
1	Stripes	12.99
2	Floral	14.99
3	Geometric	11.99
4	Abstract	16.99
5	Polka Dots	10.99
6	Plaid	15.99
7	Chevron	13.99

Fabric type table:

FABRIC_ID	FABRIC_NAME	FABRIC_PRICE
1	Cotton	10.99
2	Silk	19.99
3	Denim	14.99
4	Wool	22.99
5	Linen	12.99
6	Polyester	9.99
7	Velvet	26.99

Supplier table :

SUPPLIER_ID	SUPPLIER_NAME
1	Supplier A
2	Supplier B
3	Supplier C
4	Supplier D
5	Supplier E
6	Supplier F
7	Supplier G

Inventory table:

INVENTORY_ID	SUPPLIER_ID	INVENTORY_NAME	QUANTITY
1	1	Product A	100
2	3	Product B	50
3	5	Product C	75
4	4	Product D	120
5	6	Product E	90
6	8	Product F	60
7	9	Product G	110

Customers table:

CUSTOMER_ID	FIRST_NAME	LAST_NAME	CUST_MOBILE	CUST_ADDRESS	CITY	EMAIL
1	John	Doe	5551234567	123 Main St	New York	john.doe@email.com
2	Jane	Smith	5559876543	456 Elm St	Los Angeles	jane.smith@email.com
3	Michael	Johnson	5555555555	789 Oak St	Chicago	michael.johnson@email.com
4	Emily	Brown	5551112222	321 Birch St	Houston	emily.brown@email.com
5	David	Wilson	5553334444	567 Pine St	Phoenix	david.wilson@email.com
6	Sarah	Jones	5552223333	654 Cedar St	Philadelphia	sarah.jones@email.com
7	William	Davis	5554445555	789 Maple St	San Antonio	william.davis@email.com

Payments table:

PAYMENT_ID	PAYMENT_METHOD_NAME	CUSTOMER_ID	PAYMENT_DATE	AMOUNT
2	Cash	2	20-JAN-23	75
4	Cash	4	28-FEB-23	50
6	Cash	6	15-MAR-23	95
8	Cash	8	12-APR-23	70
10	Cash	10	18-MAY-23	90
12	Cash	12	20-JUN-23	60
14	Cash	14	19-JUL-23	40

Orders table :

ORDER_ID	APPAREL_ID	GIFT_ID	CUSTOMER_ID	EMPLOYEE_ID	ORDER_DATE	ORDER_AMOUNT
1	1	1	1	1	01-JAN-23	50
2	2	2	2	2	02-JAN-23	60
3	3	3	3	3	03-JAN-23	70
4	4	4	4	4	04-JAN-23	80
5	5	5	5	5	05-JAN-23	90
6	6	6	6	6	06-JAN-23	100
7	7	7	7	7	07-JAN-23	110

Tshirts table:

TSHIRT_ID	SIZE_ID	COLOR_ID	DESIGN_ID	FABRIC_ID	INVENTORY_ID
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	1	2	3	4	6
7	2	3	4	5	7

Group Project 4 : Queries using more than 15 different concepts.... For our Project Schema

Query 1 :

Selecting the employee id with avg salaries > 60000.....

```
select employee_id , avg(salary)
FROM employee
GROUP BY employee_id
HAVING AVG(salary) > 60000
ORDER BY employee_id ASC
```

EMPLOYEE_ID	AVG(SALARY)
4	70000
6	62000
8	75000
10	67000
13	71000
15	65000
17	72000
19	69000

Query 2 :

Selecting the employee\_id with the number greater than 10, and using some Single row functions and aggregate functions...

```
select employee_id, INITCAP(CONCAT(CONCAT(first_name, ' '), last_name)) AS full_name, hire_date as HIREDATE
FROM employee
where employee_id > 10
ORDER BY employee_id DESC
```

EMPLOYEE_ID	FULL_NAME	HIREDATE
20	Chloe Walker	10-JAN-23
19	Henry White	10-JAN-23
18	Amelia Lee	09-JAN-23
17	Elijah Moore	09-JAN-23
16	Mia Clark	08-JAN-23
15	Logan Anderson	08-JAN-23
14	Ava Taylor	07-JAN-23

Query 3 :

Selecting customers with the ID between 5 and 15 or with Customer city as Austin along with using some JOIN functions and some comparison and logical operators...

```
SELECT o.order_id,c.first_name,c.email AS Customer_Email,c.City as CITY
FROM ORDERS o
LEFT OUTER JOIN CUSTOMERS c
ON o.customer_id = c.customer_id
WHERE c.customer_id > 5 AND c.customer_id <15 OR c.City = 'Austin'
ORDER BY c.first_name DESC
```

ORDER_ID	FIRST_NAME	CUSTOMER_EMAIL	CITY
7	William	william.davis@email.com	San Antonio
10	Sophia	sophia.rodriguez@email.com	San Jose
6	Sarah	sarah.jones@email.com	Philadelphia
8	Olivia	olivia.martinez@email.com	San Diego
9	James	james.garcia@email.com	Dallas
12	Isabella	isabella.lopez@email.com	Jacksonville
11	Daniel	daniel.hernandez@email.com	Austin
13	Benjamin	benjamin.williams@email.com	San Francisco

Query 4 :

Selecting the firstname and the count of the customers with the same payment\_id and customer\_id along with the City of the Customer not equal to the ‘Austin’ along with using some crazy subqueries in all the SELECT, FROM and WHERE clause of the query.

```
select DISTINCT c.first_name, (SELECT count(*)
                                FROM Payments p
                                WHERE p.customer_id = c.customer_id) as COUNT1
FROM (select *
      from customers cc
      where City IN (SELECT City
                      FROM customers
                      WHERE City <> 'Austin')) c
WHERE c.customer_id IN (Select o.customer_id
                        FROM orders o
                        WHERE o.order_id < 18 AND o.order_id>2)
ORDER BY first_name DESC
```

FIRST_NAME	COUNT1
Mia	1
Logan	1
Isabella	1
Elijah	1
Benjamin	1
Ava	1

Query 5:

Selecting the customer ID with the City of his/her as 'New York' along with using some single row functions .

```

SELECT c.customer_id,CONCAT(c.first_name, c.last_name) AS full_name
FROM customers c
WHERE
    c.City = 'New York'
    AND EXISTS (
        SELECT 1
        FROM orders o3
        WHERE o3.customer_id = c.customer_id
    )
    
```

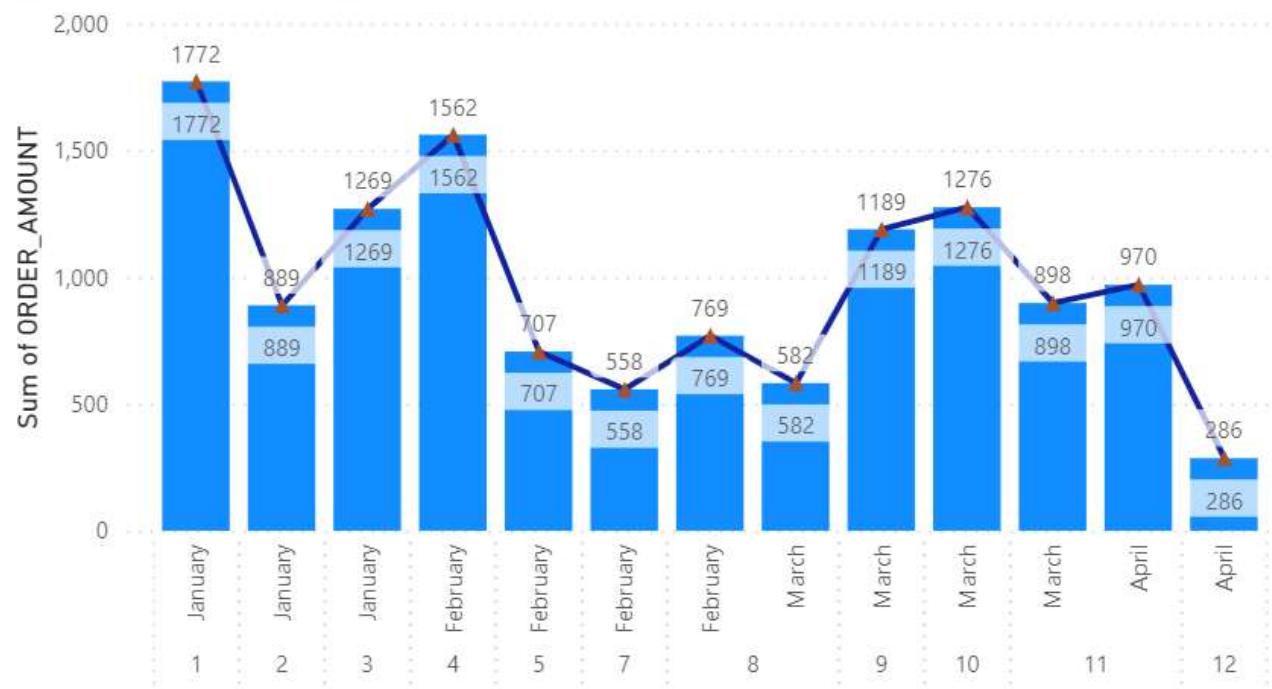
CUSTOMER_ID	FULL_NAME
1	JohnDoe

# Group Project – 5 (Data Visualizations)

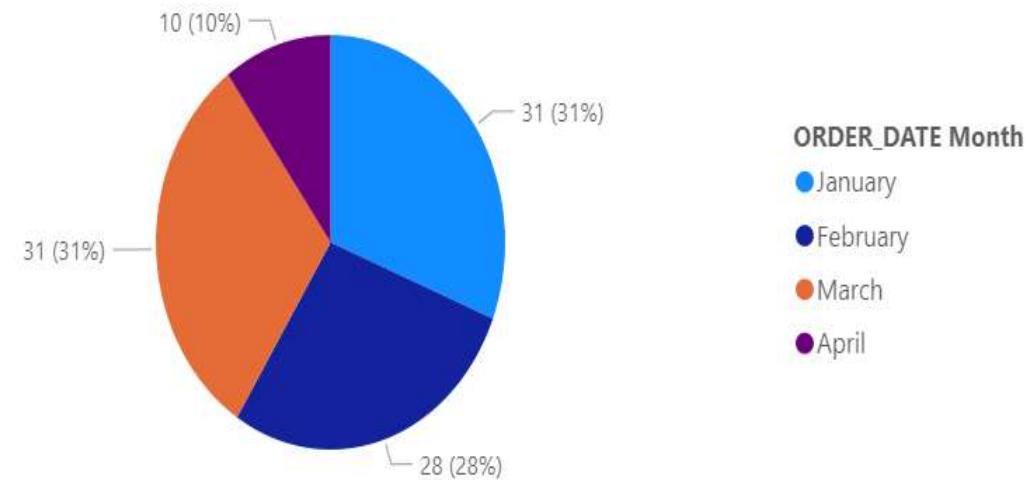
In KEATON, We TRUST!!

### Sum of ORDER\_AMOUNT and Sum of ORDER\_AMOUNT by CUSTOMER\_ID and Month

● Sum of ORDER\_AMOUNT ▲ Sum of ORDER\_AMOUNT



### Count of ORDER\_ID by Month



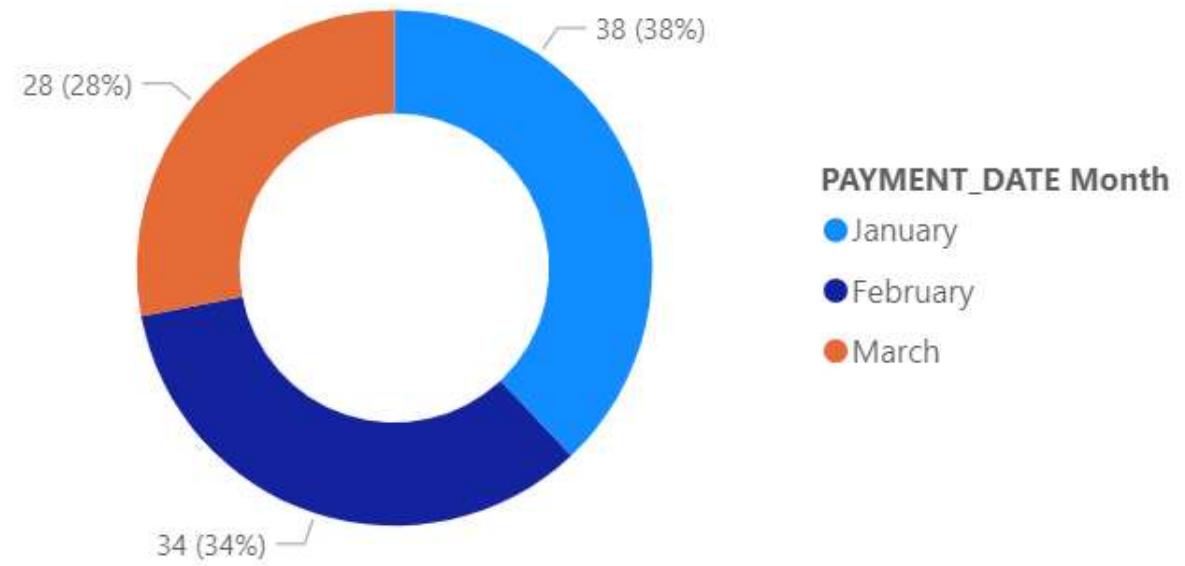
Sum of Order Amount (MONTH-WISE)

Total Percentage of Orders Made (MONTH-WISE)

Count of PAYMENT\_ID by PAYMENT\_METHOD\_NAME



Count of PAYMENT\_ID by Month



Sum of Payments Done (METHOD-WISE)

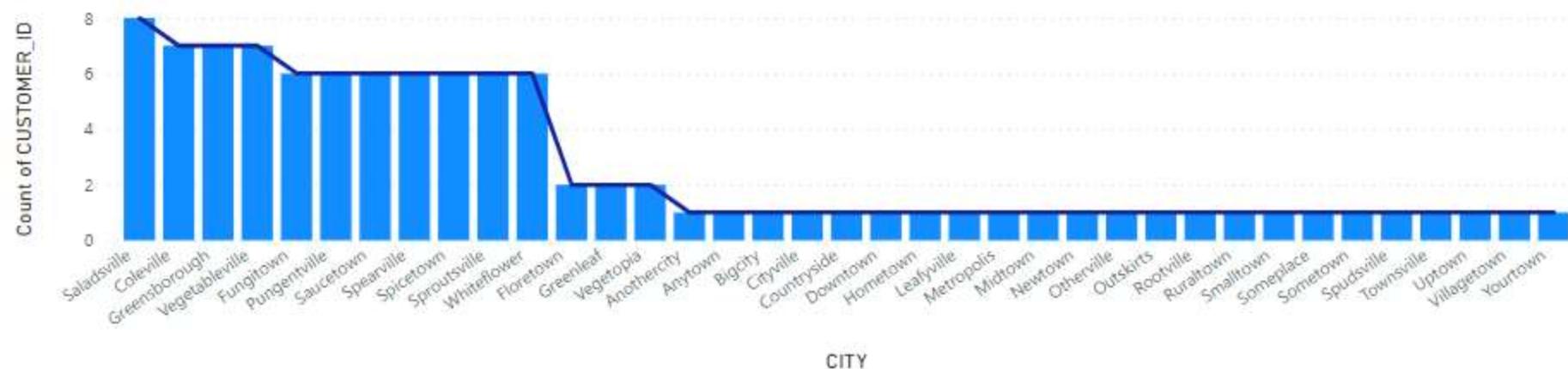
Total Percentage of Payments-Made (MONTH-WISE)

Count of CUSTOMER\_ID by CUST\_ADDRESS



Count of CUSTOMER\_ID and Count of CUSTOMER\_ID by CITY

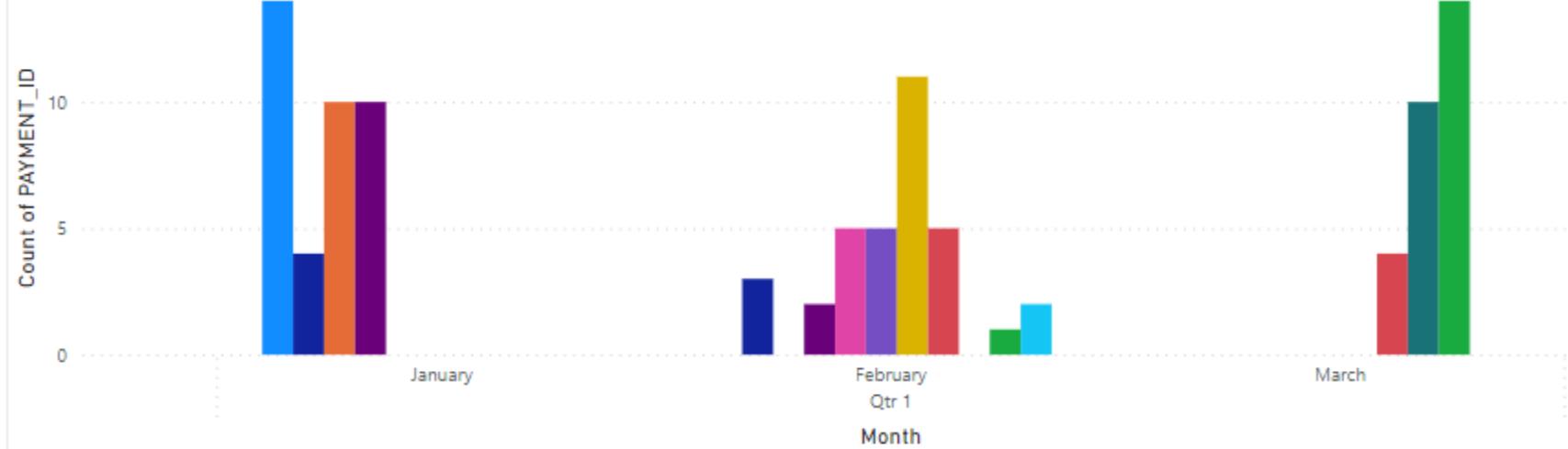
● Count of CUSTOMER\_ID   ● Count of CUSTOMER\_ID



Total No of Customers (CITY & ADDRESS-WISE)

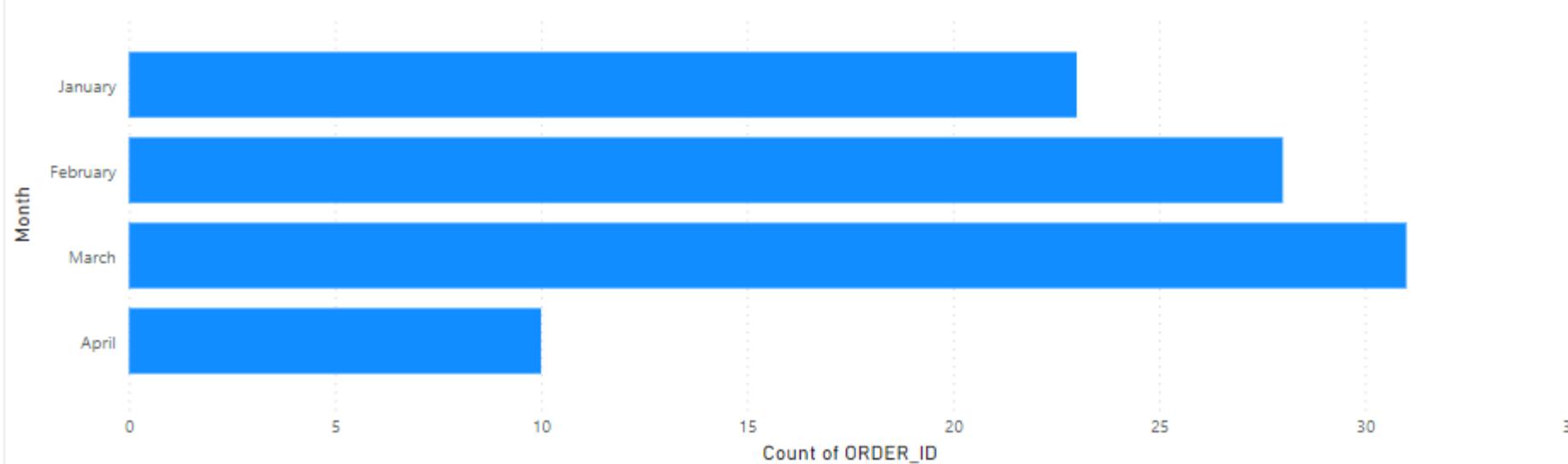
### Sum of Payments done month-wise and customer-wise

CUSTOMER\_ID ● 1 ● 2 ● 3 ● 4 ● 5 ● 7 ● 8 ● 9 ● 10 ● 11 ● 12



### Total Payments-Done (MONTH-WISE & CUSTOMER-WISE)

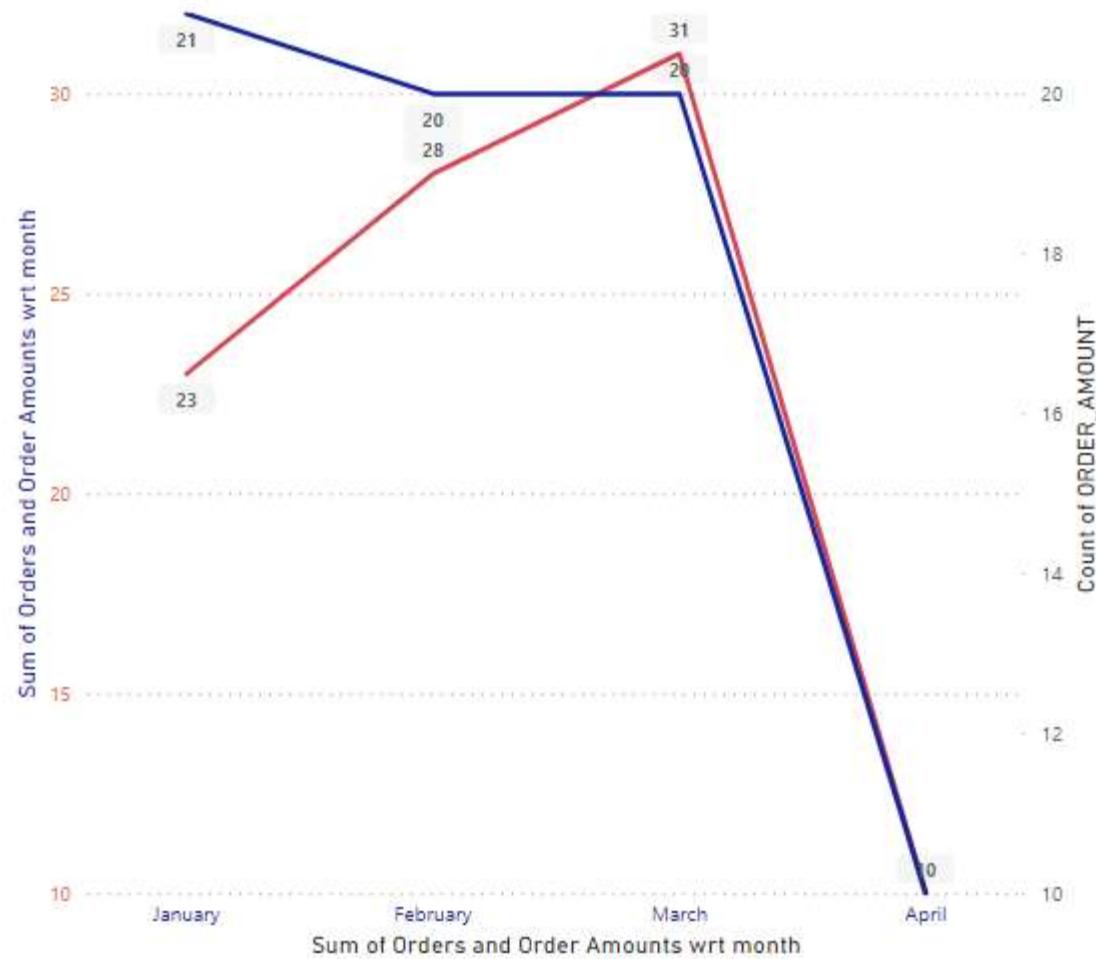
#### Sum of Orders done (MONTH-WISE)



### Total Orders Made (MONTH-WISE)

Sum of Orders and Order Amounts wrt month

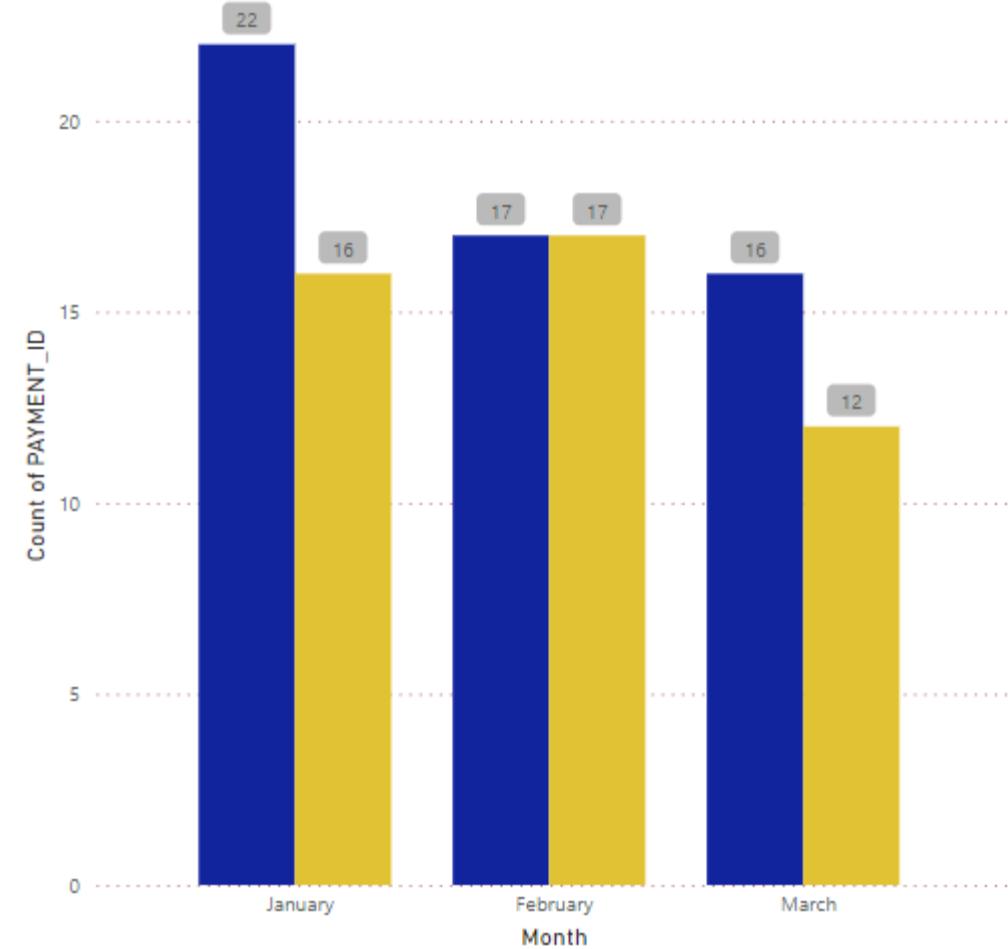
● Count of ORDER\_ID ● Count of ORDER\_AMOUNT



Sum of Orders & Order Amount (MONTH-WISE)

Sum of card and cash Payments done month-wise

PAYMENT\_METHOD\_N... ● Card ● Cash



Sum of Card & Cash Payments Made (MONTH-WISE)