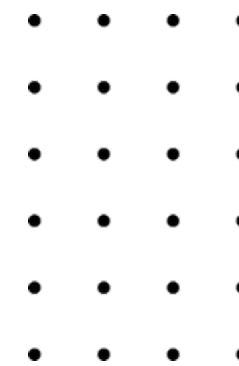


SQL PROJECT



COFFEE STORE DATABASE

BY

ABHISHEK KUMAR
PATEL

INTRODUCTION

THE PROJECT MAINLY FOCUSES ON ANALYZING COFFEE STORE DATASET TO SOLVE BUSINESS PROBLEMS AND EXTRACT INSIGHTS ON ORDERS, CUSTOMERS AND PRODUCT PREFERENCES. THE DATA IS PROCESSED USING MYSQL AND THE ANALYSIS HELPED IN PROVIDING RECOMMENDATIONS FOR OPTIMISING BUSINESS OPERATIONS.



SCHEMA

THE SCHEMA IS DESIGNED TO CREATE RELATIONSHIP BETWEEN THE TABLES TO ENSURE INTEGRITY AND FACILITATE COMPLEX QUERYING.



---CREATING 3 TABLES---

```
create table cust_name
(ID int primary key,
First_Name varchar(50),
Last_Name varchar(50),
Gender varchar(10),
Phone_Number bigint
);
```

```
create table order_time
(ID int primary key,
PRODUCT_ID int,
CUSTOMER_ID int,
ORDER_TIME varchar(20)
);
```

```
create table product_name
(ID int primary key,
Name varchar(30),
Price varchar(30),
Coffee_Origin varchar(30)
);
```

---INSERT THE VALUES IN 3 TABLES---

copy cust_name from 'D:\coffee_store_project1\Customer_name1.csv' delimiter ',' csv header

copy order_time from 'D:\coffee_store_project1\order_coffee - Copy - Copy.csv' delimiter ',' csv header

copy product_name from 'D:\coffee_store_project1\product_namee - Copy.csv' delimiter ',' csv header

QUERYING REQUIRED DATA

WE ARE DONE WITH CREATING DATABASE, IT'S TIME TO PLAY..

EXERCISE 1

select product_name,coffee_origin from table product_name for which product have more demand-

EXERCISE 2

select gender from table cust_name and count the total male, female

EXERCISE 3

**select first_name,phone_number from table cust_name and also need product_name from product table as
coffee_name between '2/1/2023' and '2/19/2023'**

EXERCISE 4

select first_name and gender from table cust_name where name start with a word

EXERCISE 5

select name,coffee_origin from table product_name where name is indonesia or brazil

EXERCISE 6

select name from product name table and product_id from table order_time

EXERCISE 7

select last_name from table cust_name where last_name is 'sharma'

EXERCISE 8

select name, price from table product_name where price is greter than 3

EXERCISE 9

**SELECT THE NAME, PRICE, COFFEE_ORIGIN FROM THE PRODUCTS TABLE, BUT
RENAME THE PRICE COLUMN
TO RETAIL PRICE IN THE RESULT SET.**

EXERCISE 10

**HOW MANY MALE CUSTOMERS DON'T HAVE A PHONE
NUMBER ENTERED IN THE CUSTOMERS TABLE?**

EXERCISE 11

**SELECT THE PRODUCT NAME AND ORDER TIME, FOR FILTER COFFEES SOLD
BETWEEN JANUARY 1ST 2023 AND MARCH 31ST 2023.**

EXERCISE 12

**SELECT THE PRODUCT NAME, PRICE AND ORDER TIME FOR ALL ORDERS FROM
FEMALES IN JANUARY 2023.**

THANKYOU

STAY CONNECTED AND FOLLOW ONLY IF THE CONTENT IS USEFUL



<https://www.linkedin.com/in/abhishek2302/>

ABHISHEK KUMAR PATEL

LET'S MAKE IT TOGETHER

