docker run --name mysql-container -e MYSQL\_ROOT\_PASSWORD=rootpassword -e MYSQL\_DATABASE=sqltesting-bi -e MYSQL\_USER=testuser -e MYSQL\_PASSWORD=testpassword -p 3307:3306 -d mysql:latest

docker exec -it mysql-container mysql -utestuser -ptestpassword

docker stop mysql-container

docker rm mysql-container

docker run --name mysql-container \

-e MYSQL\_ROOT\_PASSWORD=rootpassword \

-e MYSQL\_DATABASE=sqltesting-bi \

-e MYSQL\_USER=testuser \

-e MYSQL\_PASSWORD=testpassword \

-p 3307:3306 -d mysql:latest

docker cp "/Users/karthik/Downloads/supermarket\_sales - Sheet1.csv" mysql-container:/supermarket\_sales.csv

docker exec -it mysql-container ls /

docker exec -it mysql-container mysql -utestuser -ptestpassword

USE `sqltesting-bi`;

CREATE TABLE supermarket\_sales (

InvoiceID VARCHAR(20),

Branch VARCHAR(5),

City VARCHAR(50),

CustomerType VARCHAR(20),

Gender VARCHAR(10),

ProductLine VARCHAR(50),

UnitPrice DECIMAL(10,2),

Quantity INT,

Tax DECIMAL(10,2),

Total DECIMAL(10,2),

Date VARCHAR(20), -- Temporary VARCHAR for date formatting later

Time VARCHAR(10),

Payment VARCHAR(20),

COGS DECIMAL(10,2),

GrossMargin DECIMAL(10,2),

GrossIncome DECIMAL(10,2),

Rating DECIMAL(3,1)

);

LOAD DATA INFILE '/supermarket\_sales.csv'

INTO TABLE supermarket\_sales

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;

UPDATE supermarket\_sales

SET Date = STR\_TO\_DATE(Date, '%m/%d/%Y');

SELECT \* FROM supermarket\_sales LIMIT 10;

**After applying the security path from the mysql:**

SHOW VARIABLES LIKE 'secure\_file\_priv';

docker cp "/Users/karthik/Downloads/supermarket\_sales - Sheet1.csv" mysql-container:/var/lib/mysql-files/supermarket\_sales.csv

docker exec -it mysql-container ls /var/lib/mysql-files/

LOAD DATA INFILE '/var/lib/mysql-files/supermarket\_sales.csv'

INTO TABLE supermarket\_sales

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;