create database pizzasalesdb;

use pizzasalesdb;

create table pizzasales(

pizza\_id int primary key auto\_increment,

order\_id int,

pizza\_name\_id varchar(50),

quantity int,

order\_date date,

order\_time time,

unit\_price float,

total\_price float,

pizza\_size varchar(50),

pizza\_category varchar(50),

pizza\_ingredients varchar(200),

pizza\_name varchar(100)

);

select\* from pizzasales2;

-- Total Revenue: The sum of the total price of all pizza orders?

SELECT SUM(total\_price) AS total\_revenue

FROM pizzasales2;

-- Average Order Value: The average amount spent per order?

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_Order\_Value

FROM pizzasales2;

-- Total Pizzas Sold: The sum of the quantities of all pizza sold?

SELECT SUM(quantity) AS Total\_Pizza\_Sold

FROM pizzasales2;

-- Total Orders: The total number of orders placed?

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizzasales2;

-- Average Pizza Per Order: The average number of pizzas sold per order?

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_Per\_Order

FROM pizzasales2;

#1 Daily trend for total Orders.alter

Select Day(order\_date) as Day, Count(order\_id) as "Total Orders" from pizzasales2

Group by Day;

# 2. Monthly Trend for Total Orders.

Select hour(order\_time) as Hours,count(order\_id) as "Total Orders" from pizzasales2

Group by Hours;

# 3. Percentage of Sales by Pizza Category.

Select pizza\_category,Sum(quantity) as Sales from pizzasales2

Group by pizza\_category;

-- 4. Percentage of Sales by Pizza Size.

Select pizza\_size,Sum(quantity) as Sales from pizzasales2

Group by pizza\_size;

-- 5. Total Pizza Sold by Pizza Category.

Select pizza\_category,Count(\*) as Total\_Pizza\_Sold from pizzasales2

Group by pizza\_category;

-- 6. Top 5 Best Sellers by Revenue, Total Quantity and Total Orders.

Select pizza\_name, Round(sum(Total\_price),2) as Revenue, sum(quantity) as Total\_Quantity, count(\*) as Total\_Orders

from pizzasales2

Group by pizza\_name

Order by Revenue desc,Total\_Quantity desc,Total\_Orders desc limit 5;

-- 7. Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders.

Select pizza\_name, Round(sum(Total\_price),2) as Revenue, sum(quantity) as Total\_Quantity, count(\*) as Total\_Orders

from pizzasales2

Group by pizza\_name

Order by Revenue,Total\_Quantity,Total\_Orders limit 5;