-- 1)total Revenue

SELECT SUM(quantity \* price) AS Total\_Revenue

FROM order\_details AS o

JOIN pizzas AS p

ON o.pizza\_id = p.pizza\_id;

-- 2) Average Order Value

SELECT

ROUND(SUM(quantity \* price)/COUNT(DISTINCT order\_id),2) AS "Average Order Value"

FROM order\_details AS o

JOIN pizzas AS p

ON o.pizza\_id = p.pizza\_id;

-- 3) Total pizzas Sold

SELECT

SUM(quantity) AS "Total Pizza Sold"

FROM order\_details;

--4) Total Order Details

SELECT

COUNT(DISTINCT order\_id) AS "Total Orders"

FROM order\_details;

-- 5) Average Pizza Per Order

SELECT

ROUND(SUM(quantity)/COUNT(DISTINCT order\_id),0) AS "Average Pizza Per Order"

FROM order\_details;

--6) Daily Trends Of Total Orders

SELECT

TO\_CHAR(date, 'Day') AS "DayOfWeek",

COUNT(DISTINCT order\_id) AS total\_orders

FROM orders

GROUP BY TO\_CHAR(date, 'Day')

ORDER BY total\_orders DESC;

-- 7) Hourly Trend For Total Orders

SELECT

EXTRACT(HOUR FROM time) AS "Hour",

COUNT(DISTINCT order\_id) AS total\_orders

FROM orders

GROUP BY EXTRACT(HOUR FROM time)

ORDER BY "Hour";

--8) Percentage Of Sales by pizza Category

--calculate total revenue per category

--% sales calculated as(a:/total revenue)\*100

SELECT

category,

SUM(quantity \* price) AS revenue,

ROUND(SUM(quantity \* price)\*100/(

SELECT SUM(quantity\*price)

FROM pizzas AS p2

JOIN order\_details AS od2 ON od2.pizza\_id = p2.pizza\_id

),2) AS percentage\_sales

FROM

pizzas AS p

JOIN pizza\_types AS pt ON p.pizza\_type\_id = pt.pizza\_type\_id

JOIN order\_details AS od ON od.pizza\_id = p.pizza\_id

GROUP BY category

ORDER BY percentage\_sales DESC;

--9) Percentage Sales By Pizza Size

SELECT

size,

SUM(quantity \* price) AS revenue,

ROUND(SUM(quantity \* price)\*100/(

SELECT SUM(quantity\*price)

FROM pizzas AS p2

JOIN order\_details AS od2 ON od2.pizza\_id = p2.pizza\_id

),2) AS percentage\_sales

FROM

pizzas AS p

JOIN pizza\_types AS pt ON p.pizza\_type\_id = pt.pizza\_type\_id

JOIN order\_details AS od ON od.pizza\_id = p.pizza\_id

GROUP BY size

ORDER BY percentage\_sales DESC;

--10) Total pizza sold by each category

SELECT

category,

SUM(quantity) AS quantity\_sold

FROM

pizzas AS p

JOIN pizza\_types AS pt ON p.pizza\_type\_id = pt.pizza\_type\_id

JOIN order\_details AS od ON od.pizza\_id = p.pizza\_id

GROUP BY category

ORDER BY quantity\_sold DESC;

--11) Top 5 Best Sellers

SELECT

name,

SUM(quantity) AS quantity\_sold

FROM

pizzas AS p

JOIN pizza\_types AS pt ON p.pizza\_type\_id = pt.pizza\_type\_id

JOIN order\_details AS od ON od.pizza\_id = p.pizza\_id

GROUP BY name

ORDER BY quantity\_sold DESC

LIMIT 5;

--12) WORST 5 Pizza

SELECT

name,

SUM(quantity) AS quantity\_sold

FROM

pizzas AS p

JOIN pizza\_types AS pt ON p.pizza\_type\_id = pt.pizza\_type\_id

JOIN order\_details AS od ON od.pizza\_id = p.pizza\_id

GROUP BY name

ORDER BY quantity\_sold ASC

LIMIT 5;