HOT & SPICY

PIZZA



ORDER **NOW!**

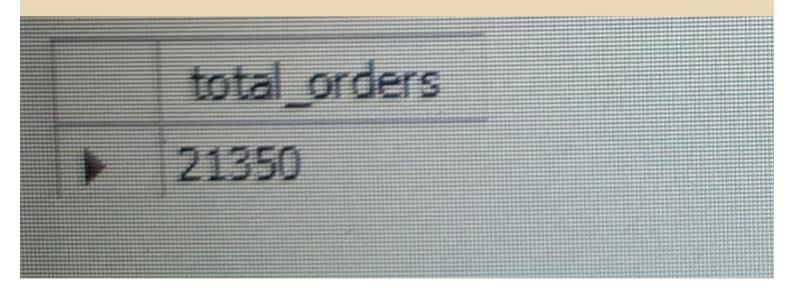
ABHISHEK PIZZABOX

50%

OFF

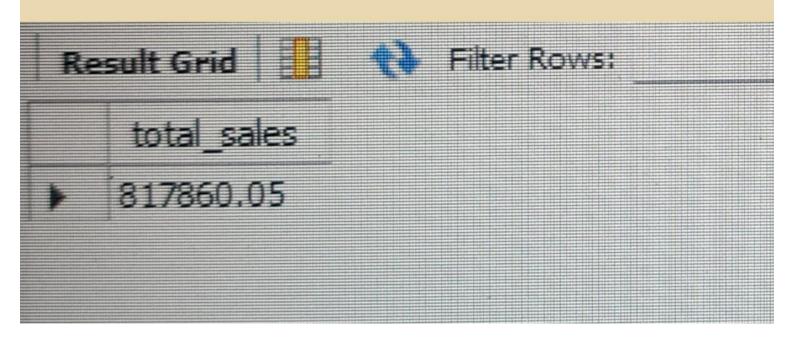
RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

SELECT
COUNT(ORDER_ID) AS TOTAL_ORDERS
FROM
ORDERS;



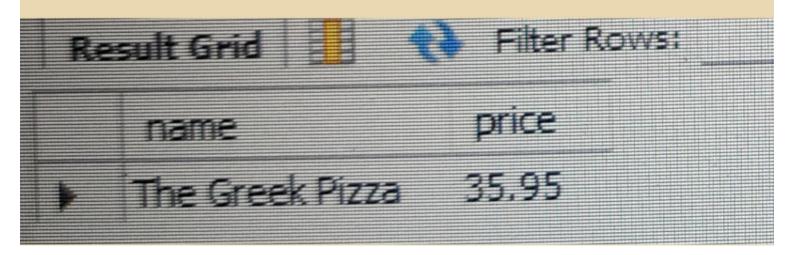
CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT
ROUND(SUM(ORDER_DETAILS.QUANTITY * PIZZAS.PRICE),
2) AS TOTAL_SALES
FROM
ORDER_DETAILS
JOIN
PIZZAS ON PIZZAS.PIZZA_ID = ORDER_DETAILS.PIZZA_ID;



IDENTIFY THE HIGHEST-PRICED PIZZA.

SELECT
PIZZA_TYPES.NAME, PIZZAS.PRICE
FROM
PIZZA_TYPES
JOIN
PIZZAS ON PIZZA_TYPES.PIZZA_TYPE_ID =
PIZZAS.PIZZA_TYPE_ID
ORDER BY PIZZAS.PRICE DESC
LIMIT 1;



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

SELECT
PIZZAS.SIZE,
COUNT(ORDER_DETAILS.ORDER_DETAILS_ID) AS
ORDER_COUNT
FROM
PIZZAS
JOIN
ORDER_DETAILS ON PIZZAS.PIZZA_ID =
ORDER_DETAILS.PIZZA_ID
GROUP BY PIZZAS.SIZE
ORDER BY ORDER_COUNT DESC;

size	count(order_details.order_details
M	15385
L	18526
S	14137
XL	544
XXL	28

LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

SELECT
PIZZA_TYPES.NAME, SUM(ORDER_DETAILS.QUANTITY) AS
QUANTITY
FROM
PIZZA_TYPES
JOIN
PIZZAS ON PIZZA_TYPES.PIZZA_TYPE_ID =
PIZZAS.PIZZA_TYPE_ID
JOIN
ORDER_DETAILS ON ORDER_DETAILS.PIZZA_ID =
PIZZAS.PIZZA_ID
GROUP BY PIZZA_TYPES.NAME
ORDER BY QUANTITY DESC
LIMIT 5:

	name	quantity
Þ	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.

SELECT
PIZZA_TYPES.CATEGORY,
SUM(ORDER_DETAILS.QUANTITY) AS QUANTITY
FROM
PIZZA_TYPES
JOIN
PIZZAS ON PIZZA_TYPES.PIZZA_TYPE_ID =
PIZZAS.PIZZA_TYPE_ID
JOIN
ORDER_DETAILS ON ORDER_DETAILS.PIZZA_ID =
PIZZAS.PIZZA_ID
GROUP BY PIZZA_TYPES.CATEGORY
ORDER BY QUANTITY DESC;

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

SELECT HOUR(TIME), COUNT(ORDER_ID) FROM ORDERS GROUP BY HOUR(TIME);

	hour(time)	count(order_id)
>	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
l De	sult 1 ×	

JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

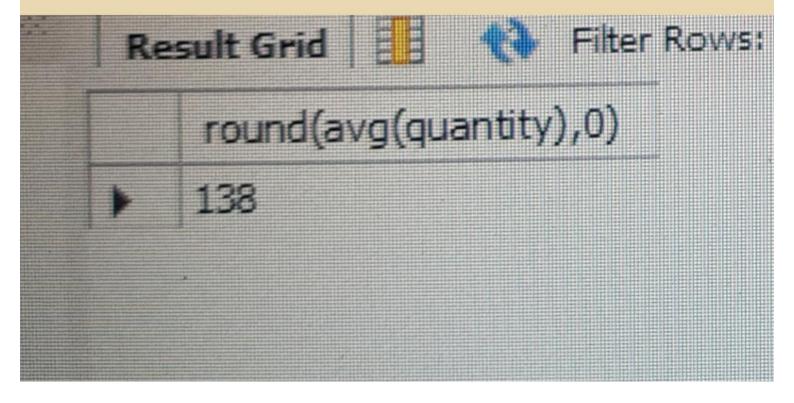
SELECT CATEGORY, COUNT(NAME) FROM PIZZA_TYPES GROUP BY CATEGORY;

Result Grid 1 (1) Filter Rows:			
	category	count(name)	
Þ	Chicken	6	
	Classic	8	
	Supreme	9	
	Veggie	9	

GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

SELECT ROUND(AVG(QUANTITY),0)
FROM
(SELECT

ORDERS.DATE, SUM(ORDER_DETAILS.QUANTITY) AS
QUANTITY
FROM
ORDERS
JOIN ORDER_DETAILS ON ORDERS.ORDER_ID =
ORDER_DETAILS.ORDER_ID
GROUP BY ORDERS.DATE) AS ORDER_QUANTITY;



DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

SELECT
PIZZA_TYPES.NAME,
SUM(ORDER_DETAILS.QUANTITY * PIZZAS.PRICE) AS
REVENUE
FROM
PIZZA_TYPES

PIZZAS ON PIZZAS.PIZZA_TYPE_ID = PIZZA_TYPES.PIZZA_TYPE_ID JOIN

JOIN

ORDER_DETAILS ON ORDER_DETAILS.PIZZA_ID =
PIZZAS.PIZZA_ID
GROUP BY PIZZA_TYPES.NAME
ORDER BY REVENUE DESC
LIMIT 3:

Result Grid 🚺 👈 Filter Rows:			
	name	revenue	
>	The Thai Chicken Pizza	43434, 25	
	The Barbecue Chicken Pizza	42768	
	The California Chicken Pizza	41409.5	

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE.

SELECT

PIZZA_TYPES.CATEGORY,

ROUND(SUM(ORDER_DETAĪLS.QUANTITY * PIZZAS.PRICE) / (SELECT ROUND(SUM(ORDER_DETAILS.QUANTITY * PIZZAS.PRICE),

2) AS TOTAL_SALES

FROM ORDER_DETAILS

JOIN

PIZZAS ON PIZZAS.PIZZA_ID = ORDER_DETAILS.PIZZA_ID) *

100,

2) AS REVENUE

FROM

PIZZA_TYPES

JOIN

PIZZAS ON PIZZA_TYPES.PIZZA_TYPE_ID = PIZZAS.PIZZA_TYPE_ID
JOIN

ORDER_DETAILS ON ORDER_DETAILS.PIZZA_ID = PIZZAS.PIZZA_ID GROUP BY PIZZA_TYPES.CATEGORY ORDER BY REVENUE DESC;

þ	Classic	26.91	
	Supreme	25.46	
	Chicken	23.96	
	Veggie	23.68	