SQL Project On Pizza Sales

Exciting Insights into Pizza Sales

Innovative pizza sales

HELLO!!

IN THIS PROJECT, SQL QUERIES HAVE BEEN USED TO SOLVE QUESTIONS THAT WERE RELATED TO PIZZA SALES!
LET'S DIVE INTO IT.

Sum of price
PIZZA
40
35
30
25
20
15
10
5
0
bbq_ckn
big_meat
brie_carre
calabrese
cali_ckn
ckn_alfredo
ckn_pesto
classic_dlx
five_cheese
four_cheese
green_garden
hawaiian
ital_cpcllo
ital_supr
ital_veggie
mediterraneo
mexicana
politana
nsh_pep
pperoni
_salami
sc_argla
sicilian
pressata
thw_ckn
picy_ital
n_pesto
nach_fet
ch_supr
thai_ckn
the_greek
veggie_veg
mexicana (pizza_type_id)
Category: mexicana_s - S - mexicana
Total
pizza_id
size
pizza_type_id

1.2
1
0.8
0.6
0.4
0.2
0
bbq_ckn
brie_carre
cali_ckn
ckn_pesto
five_cheese
green_garden
ital_cpcllo
ital_veggie
mexicana
pep_msh_pep
peppr_salami
sicilian
southw_ckn
spin_pesto
spinach_supr
the_greek
name
category
ingredients
The Barbecue Chicken Pizza - Chicken - Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onions, Barbecue Sauce
pizza_type_id

Sum of order_id
ORDER
35000000
30000000
25000000
20000000
15000000
10000000
5000000
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Total
Months...
Days...
d...
Hours...
Minutes...
Seconds...

ORDER_DETAILS
Values
Sum of order_details_id
Sum of order_id
Sum of quantity

Retrieve the total number of orders placed.

```
select
    count(order_id)
        as order_count
from orders;
```

Result Grid

	order_count
▶	21350

Calculate the total revenue generated from pizza sales.

```
select
round(sum(quantity*price),3)
from orders_details
left join pizzas
on orders_details.pizza_id= pizzas.pizza_id;
```

Result Grid | Filter Rows:

	round(sum(quantity*price),3)
▶	817860.05

Identify the highest-priced pizza.

```
select name,price
from pizzas
inner join pizza_types
on pizzas.pizza_type_id=pizza_types.pizza_type_id
order by price desc
limit 1;
```

Result Grid | Filter Rows:

name	price
The Greek Pizza	35.95

Identify the most common pizza size ordered.

```
select size,sum(quantity) as order_count
from pizzas
inner join orders_details
on pizzas.pizza_id=orders_details.pizza_id
group by size
order by order_count desc limit 1;
```

Result Grid | Filter Rows:

size	order_count
L	18956

List the top 5 most ordered pizza types along with their quantities.

```
select name, sum(quantity)as q
from pizza_types
join pizzas
on pizza_types.pizza_type_id=pizzas.pizza_type_id
join orders_details
on orders_details.pizza_id=pizzas.pizza_id
group by name
order by q desc
limit 5;
```

Result Grid | Filter Rows:

name	q
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 category, sum(quantity)as q
from pizza_types
join pizzas
on pizza_types.pizza_type_id=pizzas.pizza_type_id
join orders_details
on orders_details.pizza_id=pizzas.pizza_id
group by category
order by q desc
;
```

Result Grid | Filter Rows:

category	q
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Determine the distribution of orders by hour of the day.

```
select hour(order_time),count(order_id) from orders
group by hour(order_time);
```

Result Grid | Filter Rows:

hour(order_time)	count(order_id)
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

Join relevant tables to find the category-wise distribution of pizzas.

```
select category,count(name)
from pizza_types
group by category;
```

Result Grid | Filter Rows:

category	count(name)
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(quan),0) from
(select order_date, sum(quantity) as quan
from orders
join orders_details
on orders.order_id=orders_details.order_id
group by order_date) as QUANTITY_O;
```

Result Grid | Filter Rows

round(avg(quan),0)
138

Determine the top 3 most ordered pizza types based on revenue.

```
select name, sum(price*quantity) as revenue
from pizza_types
join pizzas
on pizza_types.pizza_type_id= pizzas.pizza_type_id
join orders_details
on orders_details.pizza_id=pizzas.pizza_id
group by 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

Delicious pizzas delivered right to your door.

THANK YOU!!