

## PIZZA SALES SQL QUERIES

### A. KPI's

#### 1. Total Revenue:

```
select sum(total_price) AS Total_Revenue from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Revenue	
▶	817860.0508384705	

#### 2. Average Order Value:

```
select sum(total_price)/count( distinct order_id) AS Average_Order_Value from pizza_sales;
```

Result Grid		Filter Rows:
	Average_Order_Value	
▶	38.30726233435459	

#### 3. Total Pizzas Sold

```
select sum(quantity) AS Total_Pizza_Sold from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Pizza_Sold	
▶	49574	

#### 4. Total Orders

```
select count(distinct order_id) as Total_Orders from pizza_sales;
```

Result Grid		Filter Rows:
	Total_Orders	
▶	21350	

#### 5. Average Pizzas 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 Average_Pizza_per_order from pizza_sales;
```

Result Grid		Filter Rows:
	Average_Pizza_per_order	
▶	2.32	

## B. Daily Trend for Total Orders

```
alter table pizza_sales add column order_day varchar(50);
```

```
update pizza_sales set order_day = DAYNAME(order_date);
```

```
select order_day, COUNT(distinct order_id) as total_orders from pizza_sales
```



```
group by order_day;
```

	order_day	total_orders
►	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024

OR

```
select weekday(order_date) as order_dy, dayname(order_date) as order_D, count(distinct  
order_id) as total_orders from pizza_sales
```

```
group by order_dy, order_D;
```

Result Grid     Filter Rows: <input type="text"/>			
	order_dy	order_D	total_orders
►	0	Monday	2794
	1	Tuesday	2973
	2	Wednesday	3024
	3	Thursday	3239
	4	Friday	3538
	5	Saturday	3158
	6	Sunday	2624

## C. Hourly Trend for Orders

```
select hour(order_time), count(distinct order_id) as total_orders from pizza_sales
```

```
group by hour(order_time)
```

```
order by hour(order_time);
```

	hour(order_time)	total_orders
▶	9	1
	10	8
	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
	17	2336
	18	2399
	19	2009
	20	1642
	21	1198
	22	663
	23	28

#### D. % of Sales by Pizza Category (January)

```
select pizza_category, sum(total_price) , cast((sum(total_price)*100)/(select
sum(total_price) from pizza_sales where monthname(order_date) = 'january') as decimal
(10,2)) as percentage_of_each_pizza_category from pizza_sales
```

```
where monthname(order_date) = 'january'
```

```
group by pizza_category;
```

Result Grid			
	Filter Rows:	Export:	Wrap Cell Conte
	pizza_category	sum(total_price)	percentage_of_each_pizza_category
▶	Classic	18619.40000152588	26.68
	Veggie	17055.400077819824	24.44
	Supreme	17929.74998664856	25.69
	Chicken	16188.75	23.20

#### E. % of Sales by Pizza Size

```
select pizza_size, sum(total_price) , cast((sum(total_price)*100)/(select sum(total_price)
from pizza_sales) as decimal (10,2)) as percentage_of_each_pizza_size from pizza_sales
```

```
group by pizza_size
```

```
order by percentage_of_each_pizza_size desc;
```

Result Grid			
		Filter Rows:	
		Export:	
		Wrap C	
	pizza_size	sum(total_price)	percentage_of_each_pizza_size
▶	L	375318.7010040283	45.89
	M	249382.25	30.49
	S	178076.49981307983	21.77
	XL	14076	1.72
	XXL	1006.6000213623047	0.12

## F. Total Pizzas Sold by Pizza Category

select pizza\_category, sum(quantity) from pizza\_sales

group by pizza\_category;

Result Grid		
		Filter Rows:
	pizza_category	sum(quantity)
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050

## G. Top 5 Best Sellers by Total Pizzas Sold

select pizza\_name, sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales

group by pizza\_name

order by Total\_Pizzas\_Sold desc LIMIT 5;

Result Grid		
		Filter Rows:
	pizza_name	Total_Pizzas_Sold
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

## H. Bottom 5 Worst Sellers by Total Pizzas Sold

select pizza\_name, sum(quantity) as Total\_Pizzas\_Sold from pizza\_sales

group by pizza\_name

order by Total\_Pizzas\_Sold asc LIMIT 5;

Result Grid			Filter Rows:	
	pizza_name	Total_Pizzas_Sold		
▶	The Brie Carre Pizza	490		
	The Mediterranean Pizza	934		
	The Calabrese Pizza	937		
	The Spinach Supreme Pizza	950		
	The Soppressata Pizza	961		