

PIZZA SALES SQL QUERY

A. KPI's

1. Total Revenue:

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

Result Grid	Filter Rows:
Total_Revenue	
817860.0499999993	

2. Average Order Value:

```
select sum(total_price) / count (distinct order_id) as Avg_order_value  
from pizza_sales;
```

Result Grid	Filter Rows:
Avg_order_value	
38.307262295081635	

3. Total Pizza 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	

B. Finding's

5. Average Pizza 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_Pizza_Per_Order  
from pizza_sales;
```

Result Grid	Filter Rows:
Avg_Pizza_Per_Order	
2.32	

6. Converting Date format as per MySQL:

```
UPDATE pizza_sales
```

```
SET order_date = CONCAT (SUBSTRING (order_date, 7, 4), '-', SUBSTRING
(order_date, 4, 2), '-',
SUBSTRING (order_date, 1, 2));
```

7. Daily Trend for Total Orders:

```
select dayname(order_date) as order_day, count (distinct order_id) as Total_Orders
from pizza_sales
group by dayname (order_date);
```

Result Grid			Filter Rows:
	order_day	Total_Orders	
▶	Friday	3538	
	Monday	2794	
	Saturday	3158	
	Sunday	2624	
	Thursday	3239	
	Tuesday	2973	
	Wednesday	3024	

8. Monthly Trend for Total Orders:

```
select monthname(order_date) as order_Month, count (distinct order_id) as
total_orders
from pizza_sales
group by monthname(order_date);
```

Result Grid			Filter Rows:
	order_Month	total_orders	
▶	April	1799	
	August	1841	
	December	1680	
	February	1685	
	January	1845	
	July	1935	
	June	1773	
	March	1840	
	May	1853	
	November	1792	
	October	1646	
	September	1661	

9. Percentage of Sales by Pizza Category:

```
select pizza_category, sum(total_price) * 100 / (select sum(total_price) from
pizza_sales) as PCT
from pizza_sales
group by pizza_category;
```

Result Grid			Filter Rows:	Exp
	pizza_category	PCT		
▶	Classic	26.9059602556699		
	Veggie	23.682590927384783		
	Supreme	25.45631126009884		
	Chicken	23.955137556847493		

10. Percentage of Sales by Pizza Size:

```
select pizza_size, cast(sum(total_price) * 100 / (select sum(total_price) from
pizza_sales) as decimal (10,2)) as PCT
from pizza_sales
group by pizza_size
order by PCT DESC;
```

Result Grid			Filter Rows:
	pizza_size	PCT	
▶	L	45.89	
	M	30.49	
	S	21.77	
	XL	1.72	
	XXL	0.12	



11. Top 5 Pizzas by Revenue:

```
select pizza_name, sum(total_price) as Total_Revenue
from pizza_sales
group by pizza_name
order by Total_Revenue desc
limit 5;
```

Result Grid			Filter Rows:
	pizza_name	Total_Revenue	
▶	The Thai Chicken Pizza	43434.25	
	The Barbecue Chicken Pizza	42768	
	The California Chicken Pizza	41409.5	
	The Classic Deluxe Pizza	38180.5	
	The Spicy Italian Pizza	34831.25	



12. Bottom 5 Pizzas by Revenue:

```
select pizza_name, cast(sum(total_price) as decimal (10,2)) as Total_Revenue
from pizza_sales
group by pizza_name
order by Total_Revenue
limit 5;
```

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	Total_Revenue
▶	The Brie Carre Pizza	11588.50
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.50
	The Spinach Pesto Pizza	15596.00



13. Top 5 Pizzas by Quantity:

```
select pizza_name, sum(quantity) as Total_Quantity
from pizza_sales
group by pizza_name
order by Total_Quantity desc
limit 5;
```

Result Grid   Filter Rows: <input type="text"/>		
	pizza_name	Total_Quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

14. Bottom 5 Pizzas by Quantity:

```
select pizza_name, sum(quantity) as Total_Quantity
from pizza_sales
group by pizza_name
order by Total_Quantity
limit 5;
```

Result Grid   Filter Rows: <input type="text"/> Export:		
	pizza_name	Total_Quantity
▶	The Brie Carre Pizza	490
	The Mediterranean Pizza	934
	The Calabrese Pizza	937
	The Spinach Supreme Pizza	950
	The Soppressata Pizza	961

15. Top 5 Pizzas by Number of Orders:

```
select pizza_name, count (distinct order_id) as Total_Orders
from pizza_sales
group by pizza_name
order by Total_Orders desc
limit 5;
```

Result Grid			Filter Rows:
	pizza_name	Total_Orders	
▶	The Classic Deluxe Pizza	2329	
	The Hawaiian Pizza	2280	
	The Pepperoni Pizza	2278	
	The Barbecue Chicken Pizza	2273	
	The Thai Chicken Pizza	2225	

16. Bottom 5 Pizzas by Number of Orders:

```
select pizza_name, count (distinct order_id) as Total_Orders
from pizza_sales
group by pizza_name
order by Total_Orders
limit 5;
```

Result Grid			Filter Rows:
	pizza_name	Total_Orders	
▶	The Brie Carre Pizza	480	
	The Mediterranean Pizza	912	
	The Calabrese Pizza	918	
	The Spinach Supreme Pizza	918	
	The Chicken Pesto Pizza	938	