




PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

```
SELECT SUM(total_price) AS Total_revenue  
FROM `Pizza Db`.`Pizza_sales`;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>		Export: 
Total_revenue		
817860.0499999993		

2. Average Order Value:

```
SELECT SUM(total_price) / COUNT(DISTINCT order_id) AS average_order_value  
FROM `Pizza Db`.`Pizza_sales`;
```

100%

1:5

Result Grid

Filter Rows:




Search

Export:

average_order_value	
38.307262295081635	




3. Total Pizzas Sold:

```
SELECT SUM(quantity) AS total_pizzas_sold  
FROM `Pizza Db`.`Pizza_sales`;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>		Export: 
total_pizzas_sold		
49574		




4. Total Orders:

```
SELECT COUNT(DISTINCT order_id) AS total_orders  
FROM `Pizza Db`.`Pizza_sales`;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>			Export: 
	total_orders		
	21350		




5. Average Pizzas Per Order:

```
SELECT SUM(quantity) / COUNT(DISTINCT order_id) AS average_pizzas_per_order
FROM `Pizza Db`.`Pizza_sales`;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>			Export: 
	average_pizzas_per_order		
	2.3220		

B. Daily Trend for Total Orders:

```
-- Daily trend
SELECT DAYNAME(STR_TO_DATE(order_date, '%d/%m/%Y')) AS order_day, COUNT(order_id)
AS Total_orders
FROM `Pizza Db`.`Pizza_sales`
WHERE order_date IS NOT NULL AND STR_TO_DATE(order_date, '%d/%m/%Y') IS NOT NULL
GROUP BY order_day
ORDER BY FIELD(order_day, 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday',
'Sunday');
```

Result Grid   Filter Rows: <input type="text" value="Search"/>			Export: 
	order_day	Total_orders	
	Monday	2794	
	Tuesday	2973	
	Wednesday	3024	
	Thursday	3239	
	Friday	3538	
	Saturday	3158	
	Sunday	2624	




C. Hourly Trend for total orders:

```
-- Hourly trend
SELECT
    HOUR(STR_TO_DATE(order_time, '%H:%i:%s')) AS order_hours,
```

```

COUNT(DISTINCT order_id) AS Total_orders
FROM `Pizza Db`.`Pizza_sales`
GROUP BY order_hours
ORDER BY order_hours;

```




Result Grid   Filter Rows: <input type="text" value="Search"/> Export: 		
order_hours	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. Percentage of Sales by Pizza Category:

```

SELECT
  pizza_category,
  SUM(total_price) AS total_sales,
  (SUM(total_price) / (SELECT SUM(total_price) FROM `Pizza Db`.`Pizza_sales`)) * 100 AS
sales_percentage
FROM `Pizza Db`.`Pizza_sales`
GROUP BY pizza_category
ORDER BY sales_percentage DESC;

```

Result Grid   Filter Rows: <input type="text" value="Search"/> Export: 			
pizza_category	total_sales	sales_percentage	
Classic	220053.1000000001	26.905960255669903	
Supreme	208196.99999999822	25.45631126009884	
Chicken	195919.5	23.955137556847493	
Veggie	193690.45000000298	23.682590927384783	

E. Percentage of Sales by Pizza Size:

```

SELECT
  pizza_size,
  SUM(total_price) AS Total_Sales,




```

```
(SUM(total_price) * 100) / (SELECT SUM(total_price) FROM pizza_sales) AS
sales_percentage
FROM pizza_sales
GROUP BY pizza_size;
```

	pizza_size	Total_Sales	sales_percentage
	M	249382.25	30.492044451859723
	L	375318.70000000087	45.8903329487743
	S	178076.49999999843	21.773468455880682
	XL	14076	1.7210768517181052
	XXL	1006.6000000000005	0.12307729176892906





F. Total Pizzas Sold by Pizza Category:

```
SELECT
    pizza_category,
    SUM(quantity) AS Total_Pizzas_Sold
FROM pizza_sales
GROUP BY pizza_category;
```

Result Grid   Filter Rows: <input type="text" value="Search"/>			Export: 
	pizza_category	Total_Pizzas_So...	
	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: <input type="text" value="Search"/>				Export: 	Fetch rows: 
	pizza_name	Total_Pizzas_So...			
	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: <input type="text" value="Search"/>				Export: 	Fetch rows:
	pizza_name	Total_Pizzas_So...			
	The Brie Carre Pizza	490			
	The Mediterranean Pizza	934			
	The Calabrese Pizza	937			
	The Spinach Supreme Pizza	950			
	The Soppressata Pizza	961			