


# PIZZA SALE DATA ANALYSIS WITH SQL



A Business Plan by Henrietta Mitchell

# TOPICS AND HIGHLIGHTS

## KEY TALKING POINTS

1. Comprehensive sales data set
2. Data cleaning and preparation documentation
3. Exploratory data analysis report
4. Customer segmentation analysis
5. Sales performance analysis report
6. Trend analysis findings
7. Correlation analysis results
8. Predictive modeling (if applicable)
9. Interactive dashboard for data visualization
10. Recommendations report

# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT  
    ROUND(SUM(order_details.quantity * price), 2) AS total_sales  
FROM  
    order_details  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```



## Result Grid

	total_sales
▶	817860.05



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

```
SELECT
    pizza_types.name, SUM(order_details.quantity) AS top_most
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 top_most DESC
LIMIT 5
```



# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.



**SELECT**

`ROUND(SUM(order_details.quantity * price), 2) AS total_sales`

**FROM**

`order_details`

**JOIN**

`pizzas ON pizzas.pizza_id = order_details.pizza_id`

# PROBLEMS AND OPPORTUNITY

## MARKET NEEDS AND BARRIERS TO ENTRY

Presentations are communication tools that can be used as demonstrations, lectures, speeches, reports, and more. It is mostly presented before an audience. It serves a variety of purposes, making presentations powerful tools for convincing and teaching.





# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY



```
SELECT
```

```
    HOUR(time) AS hour, COUNT(order_id) AS order_count
```

```
FROM
```

```
    orders
```

```
GROUP BY HOUR(time)
```