

Busiest Days & Times

DAYS

Orders are highest on weekends, Friday/Saturda evenings.

TIMES

There are maximum order from 12-01pm & after 5 - 8pm.

Sales by Category & Size

CATEGORY

Classic Category contrbutes to maximum sales & total orders.

CITE

Large size pizza contribut

Best & Worst Sellers

BEST Classic Deluxe & Chicken pizzas are the sellers and

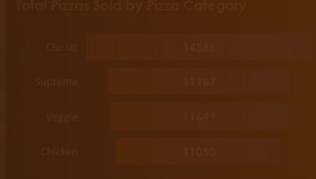
WORST
The Brie Carre is at the bottom in both orders and



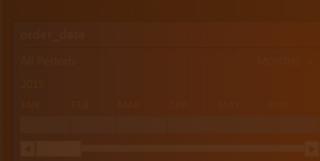
















21,350



IMPORT DATA

orders ter 5 -

Size % of Sales by Pizza Category

& Warst Sallers Top 5 Best Sellers by Total Pizzas Sal

BEST
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revenue generators.

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Introduction

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Specify Input File

Preview Data

Modify Columns

Summary

Results

Import Flat File

This wizard will help you import the contents of a file into a new table in your database.

To import data, you must:

- · Specify the input file containing the data.
- · Preview the automatically generated table schema and optionally modify columns.



To begin importing your data, click Next.

Do not show this page again.







CREATING DB



Introduction Specify Input File

Preview Data Modify Columns

Summary Results

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WRITING QUERIES

```
□ SELECT DATENAME(DW, order_date) AS order_day, COUNT(DISTINCT order_id) AS total_orders
 FROM pizza sales
 WHERE DATEPART(QUARTER, order_date) = 1
 GROUP BY DATENAME(DW, order_date)

□SELECT DATEPART(HOUR, order_time) as order_hours, COUNT(DISTINCT order_id) as total_orders.

 from pizza sales
 group by DATEPART(HOUR, order time)
 order by DATEPART(HOUR, order time)
□SELECT pizza category, CAST(SUM(total price) AS DECIMAL(10,2)) as total revenue,
 CAST(SUM(total price) * 100 / (SELECT SUM(total price) from pizza sales) AS DECIMAL(10,2)) AS PCT
 FROM pizza sales
 GROUP BY pizza category
```







CREATING REPORT

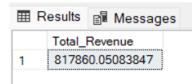


PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

SELECT <u>SUM(total price)</u> AS Total Revenue FROM pizza sales;



2. Average Order Value

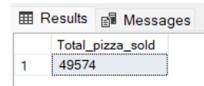
SELECT (<u>SUM(total price</u>) / COUNT(DISTINCT order id)) AS Avg order Value

FROM pizza sales



3. Total Pizzas Sold

SELECT <u>SUM(</u>quantity) AS <u>Total pizza sold</u> FROM <u>pizza sales</u>



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\$171

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Best & Worst Sellers

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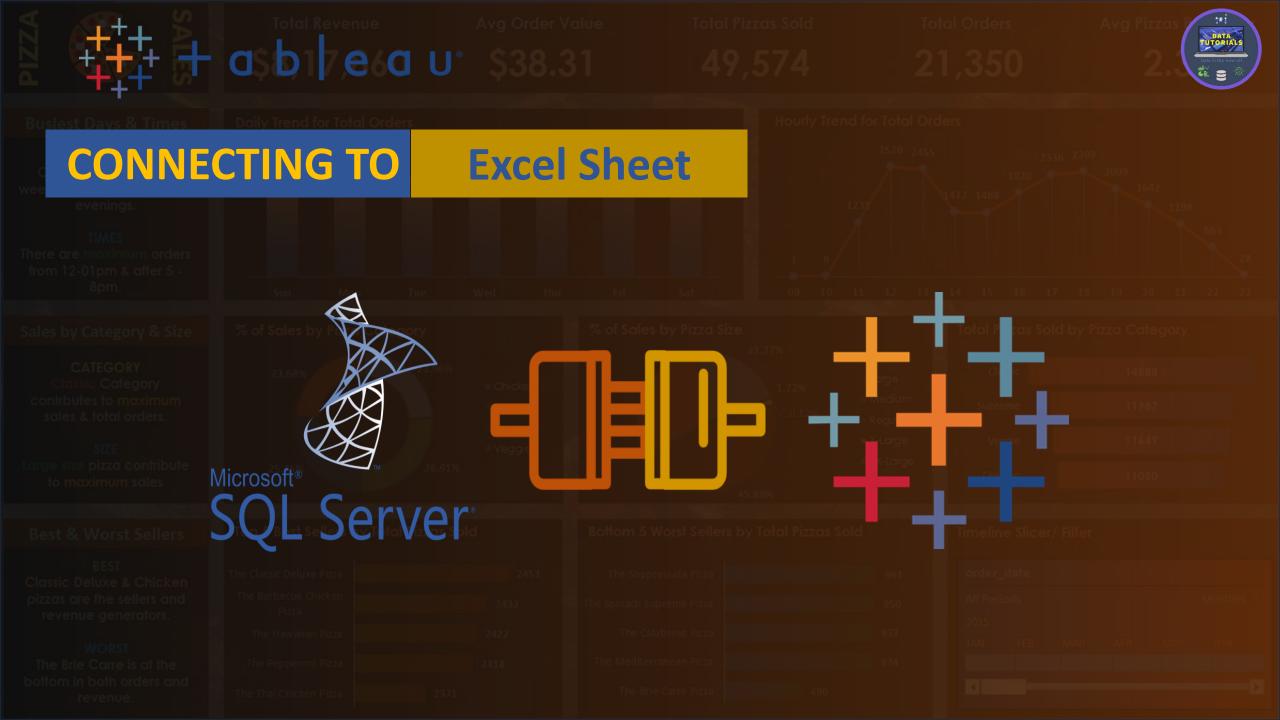
WORST

The Brie Carre is at the bottom in both orders and revenue.

















Edit Aliases [Pizza Size] Member Has Alia: Value (Alias) OK Large Cancel Medium Small XL X - Large XXL XX - Large

Clear Aliases





REPORT/ DASHBOARD







contributes to Minimum Total

Orders

The Spinach Pesto

REPORT/ DASHBOARD

The Green Garden

997



976



The Green Garden

\$15.6K

PROBLEM STATEMENT



KPI's REQUIREMENT

We need to analyze key indicators for our pizza sales data to gain insights into our business performance. Specifically, we want to calculate the following metrics:

- 1. Total Revenue: The sum of the total price of all pizza orders.
- 2. Average Order Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders.
- 3. Total Pizzas Sold: The sum of the quantities of all pizzas sold.
- 4. Total Orders: The total number of orders placed.
- 5. Average Pizzas Per Order: The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.

PROBLEM STATEMENT



CHARTS REQUIREMENT

We would like to visualize various aspects of our pizza sales data to gain insights and understand key trends. We have identified the following requirements for creating charts:

1. Hourly Trend for Total Pizzas Sold:

Create a stacked bar chart that displays the hourly trend of total orders over a specific time period. This chart will help us identify any patterns or fluctuations in order volumes on a hourly basis.

2. Weekly Trend for Total Orders:

Create a line chart that illustrates the weekly trend of total orders throughout the year. This chart will allow us to identify peak weeks or periods of high order activity.

3. Percentage of Sales by Pizza Category:

Create a pie chart that shows the distribution of sales across different pizza categories. This chart will provide insights into the popularity of various pizza categories and their contribution to overall sales.

PROBLEM STATEMENT



CHARTS REQUIREMENT

4. Percentage of Sales by Pizza Size:

Generate a pie chart that represents the percentage of sales attributed to different pizza sizes. This chart will help us understand customer preferences for pizza sizes and their impact on sales.

5. Total Pizzas Sold by Pizza Category:

Create a funnel chart that presents the total number of pizzas sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories.

6.Top 5 Best Sellers by Revenue, Total Quantity and Total Orders

Create a bar chart highlighting the top 5 best-selling pizzas based on the Revenue, Total Quantity, Total Orders. This chart will help us identify the most popular pizza options.

7. Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders

Create a bar chart showcasing the bottom 5 worst-selling pizzas based on the Revenue, Total Quantity, Total Orders. This chart will enable us to identify underperforming or less popular pizza options.

SOFTWARE USED

Avg Order Value

Total Pizzas Sold

Total Orders

DATA UTORIALS

Data & the new ull all the second se

49,574

21,350





SQL SERVER MANAGEMENT STUDIO

TABLEAU: 2023.2.0

sales & total orders

Large size pizza contribute to maximum sales







Best & Worst Sellers

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