**Pizza Sales SQL Queries**

1. **KPIs**
   1. **Total Revenue**

SELECT SUM(total\_price) as total\_revenue

FROM dbo.pizza\_sales;

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* 1. **Average Order Value**

SELECT CAST((SUM(total\_price)/COUNT(DISTINCT order\_id)) AS DECIMAL (10,2)) as avg\_order\_value

FROM pizza\_sales;

****

* 1. **Total Pizzas Sold**

SELECT SUM(quantity) as total\_pizzas\_sold

FROM pizza\_sales

****

* 1. **Total Orders**

SELECT COUNT(DISTINCT order\_id) as total\_orders

FROM pizza\_sales

****

* 1. **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 avg\_pizza\_per\_order

FROM pizza\_sales;

****

1. **Chart Requirements**
   1. **Hourly Trend for Total Orders**

SELECT

DATEPART(HOUR, order\_time) as hour\_ordered,

SUM(quantity) as pizzas\_sold

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time)

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* 1. **Weekly Trend for Total Orders**

SELECT

DATEPART(ISO\_WEEK, order\_date) as week\_number,

YEAR(order\_date) as Year,

COUNT(DISTINCT order\_id) as total\_orders

FROM

pizza\_sales

GROUP BY

DATEPART(ISO\_WEEK, order\_date),

YEAR(order\_date)

ORDER BY

Year, week\_number;

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* 1. **Percentage of Sales by Pizza Category**

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;

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* 1. **Percentage of Sales by Pizza Size**

SELECT

pizza\_size,

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\_size

ORDER BY pizza\_size;

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* 1. **Total Pizzas Sold by Pizza Category**

SELECT

pizza\_category,

SUM(quantity) AS pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY pizzas\_sold DESC;

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* 1. **Top 5 Sellers by:**
     1. **Revenue**

SELECT TOP 5

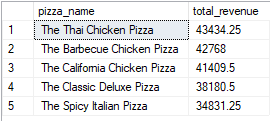
pizza\_name,

SUM(total\_price) as total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC;



* + 1. **Total Quantity**

SELECT TOP 5

pizza\_name,

SUM(quantity) as total\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_sold DESC;

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* + 1. **Total Orders**

SELECT TOP 5

pizza\_name,

COUNT(DISTINCT order\_id) as total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC;

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* 1. **Bottom 5 Sellers by:**
     1. **Revenue**

SELECT TOP 5

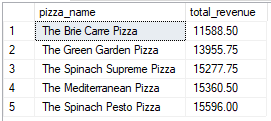
pizza\_name,

CAST(SUM(total\_price) AS DECIMAL (10, 2)) as total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC;



1. **Total Quantity**

SELECT TOP 5

pizza\_name,

SUM(quantity) as total\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_sold ASC;

**A screenshot of a menu

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1. **Total Orders**

SELECT TOP 5

pizza\_name,

COUNT(DISTINCT order\_id) as total\_orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders ASC;

**A screenshot of a menu

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