***PIZZA SALES SQL QUERIES***

***KPI’S***

*1****.****Total\_Revenue:*

***SELECT SUM(total\_price) AS Total\_Revenue from pizza\_sales***

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*2.Average\_Order\_Value:*

***SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id))***

***AS Average\_Order\_Value***

***from pizza\_sales***

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*3.* *Total\_Pizzas\_Sold:*

***SELECT SUM(quantity)***

***AS Total\_Pizzas\_Sold***

***FROM pizza\_sales***

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*4.Total\_Orders:*

***SELECT COUNT(DISTINCT order\_id)***

***AS Total\_Orders***

***FROM pizza\_sales;***

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*5****.****Average\_Pizzas\_Per\_Order:*

***SELECT CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2))***

***AS Average\_Pizzas\_Per\_Order***

***FROM pizza\_sales***

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***CHART REQUIREMENT QUERIES***

***CHART’S REQUIREMENT:***

1. *Hourly Trend for Total\_Pizzas\_Sold:*

***SELECT HOUR(order\_time) AS Order\_Hour, SUM(quantity) AS Total\_Pizzas\_Sold***

***FROM pizza\_sales***

***GROUP BY HOUR(order\_time)***

***ORDER BY HOUR(order\_time);***

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1. *Weekly Trend for Total\_Orders:*

***SELECT WEEK(STR\_TO\_DATE(order\_date, '%d-%m-%y')) AS Order\_Week,***

***COUNT(DISTINCT order\_id) AS Total\_Orders***

***FROM pizza\_sales***

***GROUP BY WEEK(STR\_TO\_DATE(order\_date, '%d-%m-%y'))***

***ORDER BY WEEK(STR\_TO\_DATE(order\_date, '%d-%m-%y'));***

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1. *Percentage of Sales by Pizza Category:*

***SELECT pizza\_category,CAST(SUM(total\_price) AS DECIMAL(10,2)) as Total\_Sales,***

***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 Sales:*

***SELECT pizza\_size,CAST(SUM(total\_price) AS DECIMAL(10,2)) as Total\_Sales***

***, 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;***

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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;***

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1. *Top 5 Best Sellers by Revenue, Total Quantity and Total Orders:*

***SELECT pizza\_name, SUM(total\_price),SUM(quantity) AS Pizzas\_Sold, COUNT(DISTINCT order\_id)***

***FROM pizza\_sales***

***GROUP BY pizza\_name***

***ORDER BY SUM(total\_price) DESC,SUM(quantity) DESC, COUNT(DISTINCT order\_id) DESC***

***LIMIT 5;***

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1. *Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders:*

***SELECT pizza\_name, SUM(total\_price),SUM(quantity) AS Pizzas\_Sold, COUNT(DISTINCT order\_id)***

***FROM pizza\_sales***

***GROUP BY pizza\_name***

***ORDER BY SUM(total\_price) ,SUM(quantity) , COUNT(DISTINCT order\_id)***

***LIMIT 5;***

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