**Power BI & SQL Pizza Project: SQL Querry Calculations**

1. **KPI**
2. **Total Revenue**: 817860.05

Select

sum (total\_price) as Total\_Revenue

From "DA Pizza"

1. Average Order Value: 38.3072622950819672

Select

sum (total\_price)/ Count(Distinct order\_id) as Avg\_Order\_Value

From "DA Pizza"

1. Total Pizza Sold: 49574

Select

sum (quantity) as Total\_Pizza\_Sold

From "DA Pizza"

1. Total Orders: 21350

Select

sum (quantity) as Total\_Pizza\_Sold

From "DA Pizza"

1. Average Pizza’s per Orde: 2.32

Select

Cast(Cast(Sum(quantity)as decimal(10,2))/Cast(Count(Distinct Order\_id)as decimal(10,2)) as decimal (10,2))

From "DA Pizza"

1. **Daily Trend**

Select

to\_char (order\_date,'Day') as order\_day,

Count(distinct order\_id) as total\_orders

From "DA Pizza"

Group by to\_char (order\_date,'Day')

1. **Monthly Trend for Orders**

Select

to\_char (order\_date,'Month') as Month\_Name,

Count(distinct order\_id) as total\_orders

From "DA Pizza"

Group by to\_char (order\_date,'Month')

1. **% 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 "DA Pizza") as Decimal(10,2)) as PCT /\*[PCT=Percentage of Sale]\*/

From "DA Pizza"

Group by (pizza\_category)

1. **% 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 "DA Pizza") as Decimal(10,2)) as PCT /\*[PCT=Percentage of Sale]\*/

From "DA Pizza"

Group by (pizza\_size)

Order by (pizza\_size)

1. **Total Pizza sold by Pizza Category**

Select

pizza\_category,

Sum(quantity) as total\_quantity\_sold

From "DA Pizza"

where extract (Month from order\_date) = 2

Group by pizza\_category

Order by total\_quantity\_sold desc

1. **Top 5 Pizza’s by Revenue**

Select

pizza\_name,

SUM(total\_price) AS Total\_Revenue

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

Limit 5

1. **Bottom 5 Pizza’s by revenue**

Select

pizza\_name,

SUM(total\_price) AS Total\_Revenue

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

Limit 5

1. **Top 5 Pizza’s by Quantity**

Select

pizza\_name,

SUM(quantity) AS Total\_pizza\_sold

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY Total\_pizza\_sold DESC

Limit 5

1. **Bottom 5 Pizza’s by Quantity**

Select

pizza\_name,

SUM(quantity) AS Total\_pizza\_sold

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY Total\_pizza\_sold ASC

Limit 5

1. **Top 5 Pizza’s by Total Orders**

Select

pizza\_name,

Count (Distinct order\_id) as total\_orders

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY total\_orders desc

Limit 5

1. **Bottom 5 Pizza’s by Total Orders**

Select

pizza\_name,

Count (Distinct order\_id) as total\_orders

From "DA Pizza"

GROUP BY pizza\_name

ORDER BY total\_orders asc, Limit 5