

```
SELECT * FROM pizza_sales;
```

– Total Revenue : sum of total price

```
SELECT ROUND(SUM(total_price),2) as totalRevenue FROM pizza_sales;
```

Results		Messages
	totalRevenue	
1	817860.05	

– Average order value : average amount spend per order

```
SELECT ROUND(SUM(total_price)/COUNT(DISTINCT(order_id)),2) AS averageOrderValue  
FROM pizza_sales; --distinct order id is used to get the number of total orders as there would be  
multiple pizza in one order
```

Results		Messages
	averageOrderValue	
1	38.31	

-- Total number of pizza sold

```
SELECT SUM(quantity) AS totalPizzaSold  
FROM pizza_sales
```

Results		Messages
	totalPizzaSold	
1	49574	

--Total orders : number of orders placed

```
SELECT COUNT(DISTINCT(order_id)) AS totalOrders  
FROM pizza_sales
```

Results		Messages
	totalOrders	
1	21350	

--Average pizza per order : avg number of pizza sold per order

```
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) / COUNT(DISTINCT order_id) AS  
DECIMAL(10,2)) AS avgPizzaPerOrder  
FROM pizza_sales;
```

Results Messages	
	avgPizzaPerOrder
1	2.32

--Daily trend for total order : orders placed on each day of the week

```
SELECT DATENAME(WEEKDAY, order_date) AS orderDay, COUNT(DISTINCT order_id) AS
totalOrders
FROM pizza_sales
GROUP BY DATENAME(WEEKDAY, order_date)
ORDER BY totalOrders desc
```

Results Messages		
	orderDay	totalOrders
1	Friday	3538
2	Thursday	3239
3	Saturday	3158
4	Wednesday	3024
5	Tuesday	2973
6	Monday	2794
7	Sunday	2624

--Monthly trend of total order

```
SELECT DATENAME(MONTH, order_date) AS orderMonth, COUNT(DISTINCT order_id) AS
totalOrders
FROM pizza_sales
GROUP BY DATENAME(MONTH, order_date)
ORDER BY totalOrders desc
```

Results Messages		
	orderMonth	totalOrders
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

--Percentage sales by pizza category

```
SELECT pizza_category AS pizzaCategory,
ROUND(SUM(total_price),2) AS revenuePerCategory,
ROUND(SUM(total_price)*100/(SELECT SUM(total_price) FROM pizza_sales),2) AS
percentageSalesPerCategory
FROM pizza_sales
GROUP BY pizza_category
```

Results Messages			
	pizzaCategory	revenuePerCategory	percentageSalesPerCategory
1	Classic	220053.1	26.91
2	Chicken	195919.5	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197	25.46

--Percentage sales by pizza size

```
SELECT pizza_size AS pizzaSize,
ROUND(SUM(total_price),2) AS revenueBySize,
ROUND(SUM(total_price)*100/(SELECT SUM(total_price) FROM pizza_sales),2) AS
percentageSalesBySize
FROM pizza_sales
```

GROUP BY pizza\_size  
order by pizzaSize

Results		Messages	
	pizzaSize	revenueBySize	percentageSalesBySize
1	L	375318.7	45.89
2	M	249382.25	30.49
3	S	178076.5	21.77
4	XL	14076	1.72
5	XXL	1006.6	0.12

--Pizza sold per category

```
SELECT pizza_category, SUM(quantity) AS quantityPerCategory
FROM pizza_sales
GROUP BY pizza_category
ORDER BY quantityPerCategory DESC
```

Results		Messages	
	pizza_category	quantityPerCategory	
1	Classic	14888	
2	Supreme	11987	
3	Veggie	11649	
4	Chicken	11050	

--Top 5 pizza by revenue

```
SELECT TOP 5 pizza_name, SUM(total_price) AS revenuePerPizza
FROM pizza_sales
GROUP BY pizza_name
ORDER BY revenuePerPizza DESC
```

Results Messages		
	pizza_name	revenuePerPizza
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

--Bottom 5 pizza by revenue

```
SELECT TOP 5 pizza_name, SUM(total_price) AS revenuePerPizza
FROM pizza_sales
GROUP BY pizza_name
ORDER BY revenuePerPizza ASC
```

Results Messages		
	pizza_name	revenuePerPizza
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

--Top 5 pizza by quantity ordered

```
SELECT TOP 5 pizza_name, SUM(quantity) AS quantityPerPizza
FROM pizza_sales
GROUP BY pizza_name
ORDER BY quantityPerPizza DESC
```

Results Messages		
	pizza_name	quantityPerPizza
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

--Bottom 5 pizza by quantity ordered

```
SELECT TOP 5 pizza_name, SUM(quantity) AS quantityPerPizza
FROM pizza_sales
GROUP BY pizza_name
ORDER BY quantityPerPizza ASC
```

	pizza_name	quantityPerPizza
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

--Top 5 pizza by total orders

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT(order_id)) AS ordersPerPizza -- same pizza,
different size would be considered as 1
FROM pizza_sales
GROUP BY pizza_name
ORDER BY ordersPerPizza DESC
```

Results Messages		
	pizza_name	ordersPerPizza
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

--Bottom 5 pizza by total orders

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT(order_id)) AS ordersPerPizza -- same pizza,
different size would be considered as 1
FROM pizza_sales
GROUP BY pizza_name
ORDER BY ordersPerPizza ASC
```

	pizza_name	ordersPerPizza
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938