

Question 1 find total revenue generated in pizza orders

```
select sum(total_price) as total_revenue from pizza_orders;
```

```
"total_revenue"
```

```
817860.05
```

QUESTION 2-- average order value

--the total_revenue divide by total number of orders

```
select sum(total_price)/count(distinct order_id) from pizza_orders;
```

```
38.3072622950819672
```

-QUESTION 3 TOTAL PIZZA SOLD

```
select sum(quantity) as total_pizza_sold from pizza_orders;
```

```
"total_pizza_sold"
```

```
49574
```

--question 4 total number of orders placed

```
select count(distinct order_id) as total_number_order from pizza_orders;
```

```
"total_number_order"
```

```
21350
```

--question 5 average pizza per orders

```
select cast(sum(quantity) as decimal(10,2))/ cast(count(distinct order_id ) as  
decimal(10,2))
```

```
as average_pizza_per_order from pizza_orders;
```

```
"average_pizza_per_order"
```

```
2.3219672131147541
```

-- graph related question

--average pizza send per day

```
select to_char(order_date,'day'),count(distinct order_id) from pizza_orders
```

```
group by to_char(order_date, 'day')
```

```
"to_char"      "count"
```

"friday " 3538

"monday " 2794

"saturday " 3158

"sunday " 2624

"thursday " 3239

"tuesday " 2973

"wednesday" 3024

--hourly trend

select to_char(order_time,'hh24'),count(distinct order_id) from pizza_orders

group by to_char(order_time,'hh24')

"to_char" "count"

"09" 1

"10" 8

"11" 1231

"12" 2520

"13" 2455

"14" 1472

"15" 1468

"16" 1920

"17" 2336

"18" 2399

"19" 2009

"20" 1642

"21" 1198

"22" 663

23 28

--percentage of sales by each pizza category

```
select pizza_category,sum(total_price)*100/(select sum(total_price) from pizza_orders)
```

```
from pizza_orders
```

```
group by pizza_category;
```

"pizza_category"	"total_sales"	"?column?"
"Supreme"	208197.00	25.4563112600988396
"Chicken"	195919.50	23.9551375568472870
"Veggie"	193690.45	23.6825909273842145
"Classic"	220053.10	26.9059602556696589

```
--percentage of pizza sales by each size
```

```
select pizza_size,sum(total_price) as total_sales,
```

```
sum(total_price)*100/(select sum(total_price)from pizza_orders) as pct
```

```
from pizza_orders
```

```
group by pizza_size
```

```
order by pct asc
```

"pizza"	"total_sales"	"pct"
"XXL"	1006.60	0.12307729176892794800
"XL"	14076.00	1.7210768517180904
"S"	178076.50	21.7734684558806852
"M"	249382.25	30.4920444518594593
"L"	375318.70	45.8903329487728371

```
--total_pizza sold by each pizza category
```

```
select sum(quantity) as total_sold,pizza_category from pizza_orders
```

```
group by pizza_category
```

```
order by total_sold asc
```

"total_sold"	"pizza_category"
11050	"Chicken"
11649	"Veggie"

11987 "Supreme"

14888 "Classic"

--top 5 best sellers pizza name by total pizza sold

--top 5 best sellers pizza name by total pizza sold

select pizza_name,sum(quantity) from pizza_orders

group by pizza_name

order by sum(quantity) desc

limit 5;

"pizza_name"	"sum"
"The Classic Deluxe Pizza"	2453
"The Barbecue Chicken Pizza"	2432
"The Hawaiian Pizza"	2422
"The Pepperoni Pizza"	2418
"The Thai Chicken Pizza"	2371

--bottom 5 pizza name seller by total pizza sold

select pizza_name,sum(quantity) from pizza_orders

group by pizza_name

order by sum(quantity) asc

limit 5;

"pizza_name"	"sum"
"The Brie Carre Pizza"	490
"The Mediterranean Pizza"	934
"The Calabrese Pizza"	937
"The Spinach Supreme Pizza"	950
"The Soppressata Pizza"	961

thanks