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-- using [Pizzadetails] database--
use Pizzadetails;

-- view tables--
select * from pizza_sales;

-- 1. sum of total price
select sum(total_price) as total_revenue from pizza_sales;

-- 2. Total orders & Total orders / Total revenue--
select count(distinct order_id ) as totalordr_id from pizza_sales;
select sum(total_price) / count(distinct order_id ) as Average_orders FROM pizza_sales;

-- 3. Total quantity--
select sum(quantity) as Total_quantity from pizza_sales;

-- 4. Total quantity / Total orders--
select cast(cast(sum(quantity)as decimal (10,2)) / cast(count(distinct order_id)as decimal (10,2))as decimal (10,2)) as average_pizza_per_order from pizza_sales;

-- 5. Average order in daily bases--
SELECT
    DATENAME(DW , ORDER_DATE) AS order_day, COUNT(DISTINCT order_id) AS total_orders
FROM
    pizza_sales
GROUP BY
    DATENAME(DW , ORDER_DATE)

-- 6. Average order in month bases--
select
    datetime(month , ORDER_DATE) as order_month , COUNT(DISTINCT order_id) AS total_orders from    pizza_sales
    group by datetime(month , ORDER_DATE)
    order by total_orders desc

-- 7. percentage of 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 percentage from pizza_sales
group by pizza_category

-- 8. percentage of 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 where month(order_date) = 3 ) as decimal (10,2))
as percentage from pizza_sales
where month(order_date) = 3
group by pizza_category

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-- 9. percentage of pizza size in month bases--

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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 where month(order_date) = 4 )as decimal (10,2)) as percentage from pizza_sales
where month(order_date) = 4
group by pizza_size
order by percentage desc
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-- 10. TOP 5 best selling pizzas--

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select top 5 pizza_name , sum(total_price) as total_revenue from pizza_sales -- TOP 5 best selling pizzas per total_price--
group by pizza_name
order by total_revenue desc
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select top 5 pizza_name , sum(quantity) as total_quantity from pizza_sales -- TOP 5 best selling pizzas per quantity--
group by pizza_name
order by total_quantity desc
```

```
select top 5 pizza_name , count(DISTINCT order_id) as total_orders from pizza_sales -- TOP 5 best selling pizzas per order_id--
group by pizza_name
order by total_orders desc
```