# distinct items ordered by the customer

select distinct name from items;

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select count( distinct name) as distinct\_items\_ordered\_sofar from items;

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# Veg items ordered so far

select name from items where is\_veg=1;

select count(name) from items where is\_veg=1;

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# Orders with items characterised by Veg/Non-Veg ordered so far

select count(name) as count, is\_veg from items group by is\_veg order by count(name) desc;

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# Understanding the value of is\_veg=2

select name from items where is\_veg=2;

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# Orders containing chicken

select \* from items where name like '%chicken%';

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# average no of items in each order

select count(name)/count(distinct order\_id) as avg\_items\_perorder from items;

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# Number of times a particular product was ordered

select name, count(\*) as count from items group by name order by count(\*) desc;

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# Number of restaurants ordered so far

select count(distinct restaurant\_name) as distinct\_restaurants\_orderedsofar from orders;

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# Number of Orders ordered from a restaurant

select restaurant\_name, count(\*) as no\_of\_orders from orders group by restaurant\_name order by count(\*) desc;

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# Monthwise number of Orders

select date\_format(order\_time,'%Y-%m') as ordered\_date, count( distinct order\_id) as no\_of\_orders from orders

group by date\_format(order\_time,'%Y-%m') order by count(distinct order\_id) desc;

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# Last order datetime

select max(order\_time) from orders;

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# Monthwise money spend on orders

select date\_format(order\_time,'%Y-%m') as ordered\_date, sum(order\_total) as no\_of\_orders from orders

group by date\_format(order\_time,'%Y-%m') order by sum(order\_total) desc;

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# average value of order purchase

select sum(order\_total)/count(distinct order\_id) as avg\_order\_value from orders;

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# Yearly money spend on orders

select date\_format(order\_time,'%Y') as year\_order, sum(order\_total) as no\_of\_orders from orders

group by date\_format(order\_time,'%Y') order by sum(order\_total) desc; A screenshot of a computer

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# Yearly money spend on orders with rankings

with year\_data as(

select date\_format(order\_time,'%Y') as year\_order, sum(order\_total) as total\_revenue from orders

group by date\_format(order\_time,'%Y'))

select year\_order, total\_revenue , rank() over(order by total\_revenue desc) as rankings from year\_data;

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# Restaurant rankings based on money spent

with restaurant\_revenue as(

select restaurant\_name, sum(order\_total) as total\_money\_spent from orders group by restaurant\_name)

select restaurant\_name, total\_money\_spent,rank() over(order by total\_money\_spent desc) as ranking from restaurant\_revenue;

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# Using Joins to fetch details about each order

select a.name, a.is\_veg,b.order\_total,b.restaurant\_name,b.order\_time from items a

join orders b on a.order\_id=b.order\_id;

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# Identifying combinations of items ordered

select a.order\_id,a.name as name1,b.name as name2,concat(a.name," - ",b.name) as combo\_ordered

from items a join items b

on a.order\_id=b.order\_id

where a.name!=b.name;

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