Queries Executed on Workbench

```
select
        sum(product_category_id) as total,
   sum(product_category_id = 3) as cnt
from product;

select count(*) from product
where product_category_id = 3;

select * from product;


select 'amit' + null;

select
        sum(product_category_id) as total,
   sum(product_category_id = 32) as cnt
from product;

select avg(product_category_id = 7)
from product;



select
min(product_id),max(product_id)
from product;



select * from employees;



select count(distinct customer_id),case
                when amount>500 then 1
                else 0
   end as rich_count
from store;

select distinct customer_id,
case
when customer_id and amount>500   then 1
end as rich_count
from store;
```

```
select count(distinct customer_id) as rich_count
from store
where amount>500
group by customer_id
```

Queries executed on Bigquery

```
select * from `farmer_market.product`;


select sum(product_category_id)
from farmer_market.product;


#select sum(product_category_id = 1)
#from `farmer_market.product`;

#####group by
select
* from employee_schema.employees

select max(salary) from `employee_schema.employees`;


select department_id,max(salary),first_name from `employee_schema.employees`
group by department_id;


select department_id,max(salary) from `employee_schema.employees`
group by department_id;

select * from `employee_schema.employees`;

#Question:  Count the number of purchases each customer made per market date.

select
  market_date,
  customer_id,
  count() as num_purchases
from `farmer_market.customer_purchases`
group by market_date,customer_id


select * from  `farmer_market.customer_purchases`
```