-- 1. we will need a list of all staff members,including their first and last names, email addresses,

-- and the store identification number where they work.

select first\_name, last\_name, email, store\_id

from staff;

-- 2. we will need seperate counts of inventory items held at each of you two stores.

select store\_id, count(inventory\_id)

from inventory

group by store\_id;

-- 3. we will need a count of active customers for each of your stores. Seperately, please.

select store\_id,count(CUSTOMER\_ID) AS "active customer count"

from customer where active =1

group by store\_id;

-- 4. In order to assess the liability of a data breach,we will need you to provide a count of all customer email addresses

-- stored in the database.

select

count(email) as "count of customer email addresses"

from customer;

-- 5. we are intrested in how diverse ypur film offering is as a means of understanding how likely you are to keep customers engaged

-- in the future.please provide a count of unique film titles you have in inventory at each store and then provide a count of the unique

-- categories of films you provide.

select

store\_id,

count(distinct(film\_id)) as "unique films count"

from inventory

group by store\_id;

select count(distinct(category\_id)) as "unique categories count"

from film\_category;

-- 6. we would like to understand the replacement cost of your films.please provide the repacement cost for the film that is least expensive

-- to replace, the most expensive to replace,and the average of all filma you carry.

select

max(replacement\_cost) "most expensive replacement cost",

MIN(replacement\_cost) "least expensive replacement cost",

avg(replacement\_cost) "average replacement cost";

-- 7. we are intrested in having you put payment monitoring systems and maximum payment processing restrictions in place in order to minimize

-- the future risk of fraud by your staff. please provide the average payment you process, as well as the maximum payment you have processed.

select

avg(amount) "avg payment processed",

max(amount) "max payment processed"

from payment;

-- 8. we would like to better understand what your customer base looks like.please provide a list of all customer identification values,

-- with a count of rentals they have made all-time, with your highest volume customers at the top of the list.

select customer\_id, count(rental\_id) as "count of rentals of that customer"

from mavenmovies.rental

group by customer\_id

order by (rental\_id);