1. How many actors are there with the last name ‘Wahlberg

There are two actors with the last name ‘Wahlberg’

**select** last\_name, actor\_id

**from** actor

**where** last\_name **like** 'Wahlberg';

1. How many Payments were made between $3.99 and $5.99

There are two payments between 3.99 and 5.99

**select** **count**(amount) **as** question 2

**from** payment

**where** amount<5.99 **and** amount >3.99;

1. What film does the store have the most of? (search in inventory)

**select** inventory\_id , film\_id

**from** inventory

**group** **by** film\_id, inventory\_id

**order** **by** film\_id **desc**;

the film with id 1000 has the most of in the store inventory

1. How many customers have the last name “William”

One Customer has the last name “William”

**select** first\_name , last\_name

**from** customer

**where** first\_name = 'William';

1. What store employee(get the id) sold the most rentals

**select** staff\_id, **count**(rental\_id) **as** question4

**from** rental

**group** **by** staff\_id

Staff\_id 1 sold the most rentals

1. How many different District names are there?

**select** district, **count**(district)

**from** address

**group** **by** district

**order** **by** district;

looking at the bottom of the list we have 378 district names

1. What film has the most actors in it(use film\_actor table get film\_id.

**select** **count**(actor\_id), film\_id

**from** film\_actor

**group** **by** film\_id

**order** **by** **count**(actor\_id);

film\_id 508 has a count of 15 actors in it making it the most number of actors

1. From store\_id1, how many customers have the last name ending with es

**select** first\_name , last\_name

**from** customer

**where** last\_name **like** '\_\_\_%es';

there are 21 customers with the last name ending in es

1. How many payments amounts (4.99, 5.99, group by amount) of above 250 for customers

And with ids between 380 430

**select** amount, **count**(amount)

**from** payment

**where** amount>250 **and** customer\_id > 380 **and** customer\_id < 430

**group** **by** amount;

There are no customers with these conditions

1. Within the film table, how many rating categories are there? And what rating has the most movies total

**select** rating, **count**(rating)

**from** film

**group** **by** rating;

NC-17 has the most ratings of all films in data set