Week 5 - Monday Questions

1. How many actors are there with the last name 'Wahlberg'? **- 2 Wahlbergs**

2. How many payments were made between $3.99 and $5.99?

3,280 but I think I have an updated data set

This was my Syntax

select customer_id, amount

from payment

where amount >= 3.99 and amount <= 5.99

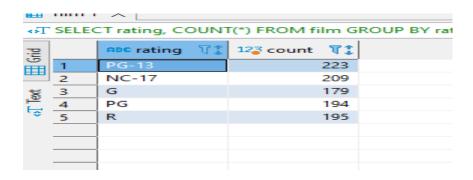3. What film does the store have the most of? (search in inventory)

Zorro Ark

4. How many customers have the last name 'William'? **0 AKA ZERO**

I got zero last_name =(like) Williams but 1 Williams and

I got 1 first_name =(like) to William

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

From this syntax it was staff ID 2 but there were only 2 sales people. His name was Jon.

select max(staff_id) as max_salesman

from rental

6. How many different district names are there? **Again I think I have an updated list**

When I ran:

select distinct(district)

from address

I got 378 distinct districts

I am not sure if it gives that information but there is 109 countries listed in the country table and 200 address under the store_ID table

7. What film has the most actors in it? (use film_actor table and get film_id) 8. From store_id 1,

So I used a few Syntaxes,

select *

from film_actor

select *

from store

select *

from film_actor

- From these we can tell the last film_id number 993 which is called "Wrong Behavior". The

  actor ID is 200. Which would make him/her "Temple Thora" However this still doesn't

  answer the question. I thought this question was worded strangely but maybe I'm just

  confused. However I am not able to find the amount of actors in each movie.

8. How many customers have a last name ending with 'es'? (use customer table) **21**

select last_name

from customer

where last_name like '%es';

9. How many payment amounts (4.99, 5.99, etc.) had a number of rentals above 250 for customers with ids between 380 and 430? (use group by and having > 250)

select *

from payment

where customer_id > 380 and customer_id < 430

group by payment_id

having amount = sum(4.99) or sum(amount) = 5.99

order by customer_id desc

- **Using this syntax it gave me a total of 300 orders of both 4.99 amount and 5.99 amount, within the customer ID parameters of 380 and 430**

10. Within the film table, how many rating categories are there? And what rating has the most movies total?**Using this syntax: we can see there are 5 categories: PG-13, NC-17, G, PG, and R**

select distinct (rating)

from film

This syntax gets us the number of each rating : PG-13 being the most with 223

SELECT rating, COUNT(*)

FROM film

GROUP BY rating;

T SELECT rating, COUNT(*) FROM film GROUP BY rat

	ABC rating	123 count
1	PG-13	223
2	NC-17	209
3	G	179
4	PG	194
5	R	195

If I use this syntax I can get it in order though PG-13 has 223 ratings

SELECT rating, COUNT(*)

FROM film

GROUP by rating

order by 2 desc;

SELECT rating, COUNT(*) FROM film GRO⎢

	rating	count
1	PG-13	223
2	NC-17	209
3	R	195
4	PG	194
5	G	179