

## Week 5 - Monday Questions

How many actors are there with the last name 'Wahlberg'?

```
SELECT first_name, last_name  
FROM payment  
where last_name = 'Wahlberg';
```

How many payments were made between \$3.99 and \$5.99?

```
SELECT customer_id, amount  
FROM payment  
WHERE amount BETWEEN 3.99 and 5.99;  
(scroll to bottom. answer = 5607)
```

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

```
SELECT film_id,  
COUNT(film_id) as frequency  
From inventory  
GROUP BY film_id  
ORDER BY frequency DESC  
LIMIT 1;
```

How many customers have the last name 'William'?

```
SELECT first_name, last_name
```

```
FROM customer  
where last_name = 'William'
```

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

```
SELECT * from staff  
SELECT * from rental
```

```
SELECT staff_id,  
       COUNT(staff_id) as frequency  
From rental  
GROUP BY staff_id  
ORDER BY frequency DESC  
LIMIT 1;
```

How many different district names are there?

```
SELECT DISTINCT district from address;
```

What film has the most actors in it? (use film\_actor table and get film\_id)

```
SELECT film_id,  
       COUNT(film_id) as frequency  
FROM film_actor  
GROUP BY film_id  
ORDER BY frequency DESC  
LIMIT 1;
```

From store\_id 1, how many customers have a last name

ending with 'es'? (use customer table)

```
SELECT * from customer where last_name like '%es';
```

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 amount,  
       COUNT(amount) as frequency  
FROM payment  
GROUP BY amount  
ORDER BY frequency DESC  
LIMIT 5;
```

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

```
SELECT DISTINCT rating from film;
```

```
SELECT rating,  
       COUNT(rating) as frequency  
FROM film  
GROUP BY rating  
ORDER BY frequency DESC  
LIMIT 5;
```