q

film_actor
- actor_id SMALLINT(5)
- film_id SMALLINT(5)

film_category
- film_id SMALLINT(5)
- category_id TINYINT(3)

fk_film_category_category

category
- category_id TINYINT(3)

fk_film_actor_actor

fk_film_actor_film

fk_film_category_film

fk_film_language_original
fk_film_language

language
- language_id TINYINT(3)

actor
- actor_id SMALLINT(5)

film
- film_id SMALLINT(5)
- language_id TINYINT(3)
- original_language_id TINYINT(3)

fk_inventory_film

film_text
- film_id SMALLINT(6)

inventory
- inventory_id MEDIUMINT(8)
- film_id SMALLINT(5)
- store_id TINYINT(3)

fk_rental_inventory

rental
- rental_id INT(11)
- inventory_id MEDIUMINT(8)
- customer_id SMALLINT(5)
- staff_id TINYINT(3)

fk_inventory_store

country
- country_id SMALLINT(5)

store
- store_id TINYINT(3)
- manager_staff_id TINYINT(3)
- address_id SMALLINT(5)

fk_customer_store

fk_rental_customer

fk_city_country

customer
- customer_id SMALLINT(5)
- store_id TINYINT(3)
- address_id SMALLINT(5)

city
- city_id SMALLINT(5)
- country_id SMALLINT(5)

fk_rental_staff

fk_staff_store

fk_store_address

fk_payment_rental

fk_store_staff

fk_address_city

fk_customer_address

fk_payment_customer

staff
- staff_id TINYINT(3)
- address_id SMALLINT(5)
- store_id TINYINT(3)

fk_payment_staff

payment
- payment_id SMALLINT(5)
- customer_id SMALLINT(5)
- staff_id TINYINT(3)
- rental_id INT(11)

address
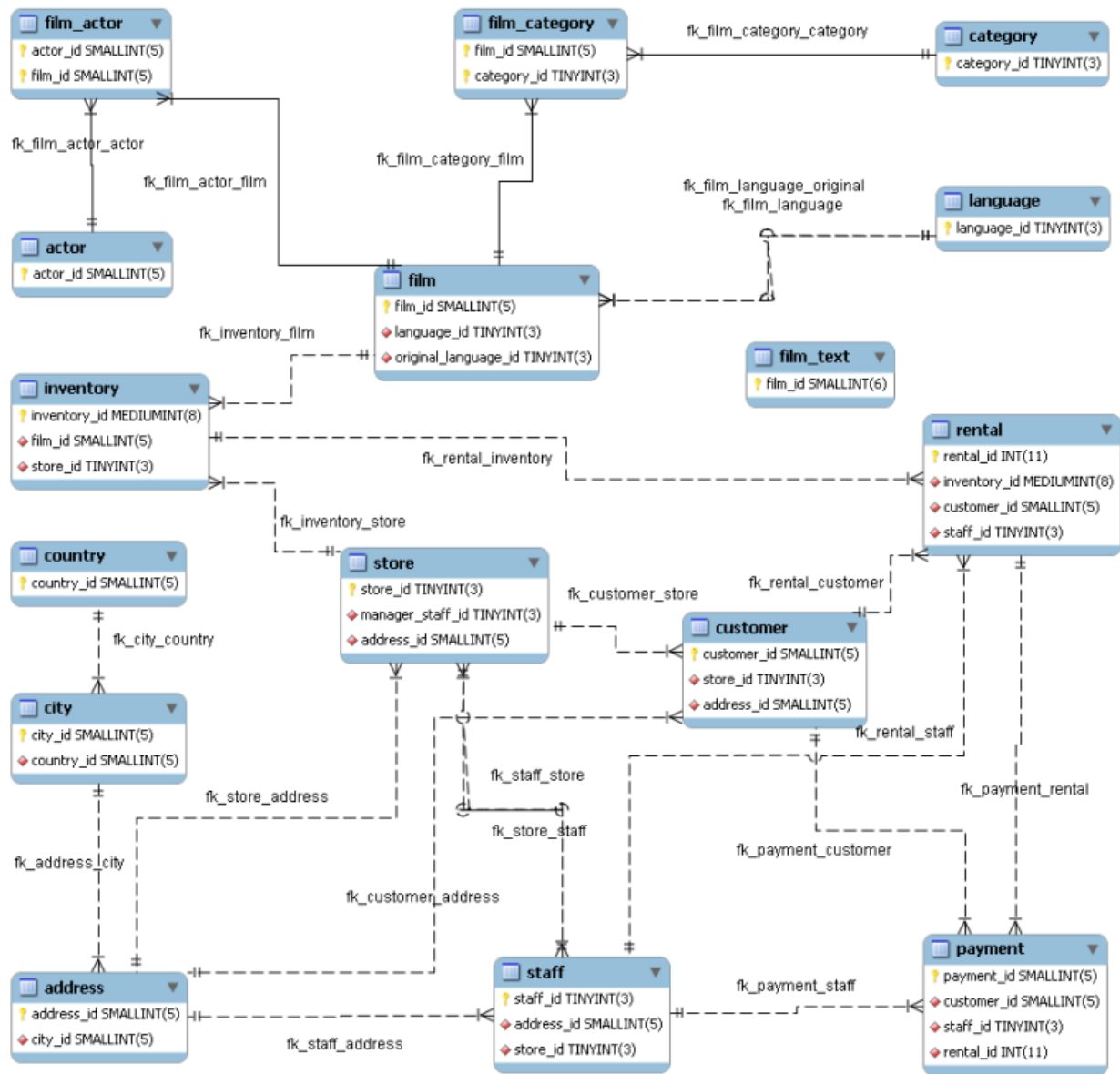- address_id SMALLINT(5)
- city_id SMALLINT(5)

fk_staff_address

Certainly! Here is a revised list of questions based on the difficulty levels you specified, using the tables provided:

Easy:
1. How many records are there in the `actor` table?
2. What are the columns in the `address` table?
3. How many different categories are there in the `category` table?
4. How many actors are there?
5. How many customers have a last name starting with the letter 'S'?
6. How many records are there in the `film` table?
7. What is the primary key of the `film_actor` table?
8. How many records are there in the `film_category` table?
9. What is the name of the longest film in the database and how long it is in minutes?
10. How many records are there in the `inventory` table?

Medium:
11. How many unique languages are there in the `language` table?
12. How many different payment amounts are recorded in the `payment` table?
13. How many films have been rented at least once?
14. Which film has the most actors associated with it?
15. How many customers are there in the database who have made payments?
16. How many distinct rental dates are there in the `rental` table?
17. Which store has the highest inventory count?
18. How many films are categorized as "Family" genre?
19. How many distinct rental durations are there in the `rental` table?
20. What is the average length of films in the `film` table?

Hard:
21. Which actor has appeared in the most films according to the `film_actor` table?
22. How many films have more than one category associated with them?
23. How many different cities are recorded in the `city` table?
24. Which customer has made the highest total payment?
25. How many films have a description containing the word "action"?
26. What is the total number of available inventory items for each film in the `inventory` table?
27. Which film has the highest replacement cost?
28. How many customers have rented films from both stores?
29. How many distinct addresses are recorded in the `address` table?
30. What is the average rental rate of films in the `film` table?

31. Which films have been rented the most according to the `rental` table?
32. Which film category has the highest average rental duration in minutes?
33. Which actor has appeared in the most films in a single category?
34. How many films have a rental duration of less than 5 days?
35. How many rentals have been made by each customer?

36. What is the total amount received in payments for each rental?
37. How many films are in the "Comedy" category according to the `category` table?
38. Which customer has the highest average rental duration?
39. Which category has been the most rented?
40. Which film has the highest cumulative rental duration across all rentals??

41. Which film category has the highest replacement cost?
42. How many different films have been rented by each customer?
43. Which customer has the highest number of rentals?
44. What is the average length of films in the "Action" category?
45. How many films have not been rented by any customer?
46. How many customers have rented films from all categories?
47. Which film category has the highest number of films that have never been rented?
48. How many films have a rental rate higher than the average rental rate?