

-- 1. Find out the number of documentaries with deleted scenes.

```
SELECT COUNT(*) AS num_docs_deleted_scenes
FROM film
JOIN film_category ON film.film_id = film_category.film_id
WHERE film_category.category_id = (SELECT category_id FROM category WHERE name = 'Documentary')
AND film.special_features LIKE '%Deleted Scenes%';
```

-- 2. Find out the number of sci-fi movies rented by the store managed by Jon Stephens.

```
SELECT count(film.title) FROM film
JOIN inventory ON inventory.film_id = film.film_id
JOIN film_category ON FILM.film_id=film_category.film_id
JOIN CATEGORY ON film_category.category_id=category.category_id
JOIN STORE ON inventory.store_id=store.store_id
JOIN staff ON store.manager_staff_id=staff.staff_id
WHERE category.name='sci-fi' AND staff.first_name='Jon' AND staff.last_name='Stephens';
```

-- 3. Find out the total sales from Animation movies.

```
SELECT SUM(rental_rate) AS total_animation_sales
FROM film
JOIN inventory ON film.film_id = inventory.film_id
JOIN rental ON inventory.inventory_id = rental.inventory_id
JOIN film_category ON FILM.film_id=film_category.film_id
JOIN CATEGORY ON film_category.category_id=category.category_id
WHERE category.name = 'Animation';
```

-- 4. Find out the top 3 rented category of movies by "PATRICIA JOHNSON".

```
SELECT film.TITLE,customer.first_name,rental.rental_id FROM FILM
JOIN inventory ON inventory.film_id = film.film_id
JOIN rental ON inventory.inventory_id=rental.inventory_id
JOIN customer ON customer.customer_id=rental.customer_id
where customer.first_name='PATRICIA' AND customer.last_name='JOHNSON'
order by rental.rental_id DESC
LIMIT 3;
```

-- 5. Find out the number of R rated movies rented by "SUSAN WILSON".

```
SELECT COUNT(FILM.TITLE) FROM FILM
JOIN inventory ON inventory.film_id = film.film_id
JOIN rental ON inventory.inventory_id=rental.inventory_id
JOIN customer ON customer.customer_id=rental.customer_id
where film.rating='R' AND customer.first_name='SUSAN' AND customer.last_name='WILSON';
```