

- 1- List all customers' first and last names.
- 2- Show all films with a rating of 'PG'.
- 3- List all actors with the first name 'Nick'.
- 4- Get all customers who live in the 'California'. (using subquery)

## Views:

1. Create a view showing total payments per customer.
2. Create a view of all PG-13 rating films with their actors.
3. Create a view listing all unique film languages.

## Built-in functions:

4. Show the rental date and how many days have passed since each rental.
5. Show customer join dates as "Weekday, Month Day, Year" (e.g., "Monday, January 01").
6. Display the film title and replace all spaces with hyphens (-).
7. For each payment, show a label: 'High' if amount > 8, 'Medium' if > 5, else 'Low'.

## Index:

1. Identify which columns need indexes to optimize this query and create them.

```
SELECT customer_id FROM rental  
WHERE rental_date > '2005-05-25';
```

2. Create a composite index to speed up this query.

```
SELECT * FROM film  
WHERE rating = 'PG' AND rental_duration= 7;
```