

## Lab 2

### ➤ Built-in Function

1. Display actor names in the format: LAST\_NAME, First\_name (e.g., GUINESS, Penelope).
2. Display all customer emails in lowercase and replace the domain @sakilacustomer.org with @iti-students.edu.
3. Display the first 50 characters of each film's description followed by "..." and call the column short\_summary.
4. Find all customers who registered in the month of February (any year).
5. Use CASE to label rentals as 'Cheap' (under \$2), 'Mid' (\$2-\$4.99), or 'Expensive' (above \$5). (payment table)

### ➤ User-Defined Functions

1. Create a function that takes actor\_id and returns the concatenated first and last name of this actor.
2. Create a function that takes customer\_id and returns the total count of rentals made by this customer.
3. Create a function that takes customer\_id and returns a result set containing the full name, email, full address, and city of that customer.
4. Create a function that takes customer\_id and returns the name of the category (e.g., 'Action') that the customer rents most often.
5. Create a function that takes a start\_date and end\_date and returns the total revenue generated by each store during that period.