**FINAL DRILLING: ARRIENDO DE DVDS**

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1. Construye las siguientes consultas:
   1. Aquellas usadas para insertar, modificar y eliminar un Customer, Staff y Actor.

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| Customer: |
| |  | | --- | | Insertar: | | INSERT INTO customer(store\_id,first\_name, last\_name, email, address\_id, activebool, create\_date, last\_update, active) VALUES ( 1,'Jon','Snow','jsnow@gmail.com',5,TRUE,'2010-11-04', CURRENT\_DATE, 1); |      |  | | --- | | Modificar: | | UPDATE customer SET email = 'esto\_es\_una\_prueba@gmail.com' WHERE customer\_id = 20; |      |  | | --- | | Eliminar: | | DELETE FROM customer WHERE first\_name = 'Jon' AND last\_name = 'Snow'; | |
| Staff: |
| |  | | --- | | Insertar: | | INSERT INTO staff(first\_name, last\_name, address\_id, email, store\_id, active, username, password, last\_update) VALUES ( 'Rob','Stark',504,'rstark@gmail.com',2,TRUE,'Rob','asdfghjklñlkj623482842392342', '2022-05-29'); |      |  | | --- | | Modificar: | | UPDATE staff SET first\_name = 'Ana', username = 'Ana' WHERE first\_name = 'Mike'; |      |  | | --- | | Eliminar: | | DELETE FROM staff WHERE staff\_id = 3; | |
| Actor: |
| |  | | --- | | Insertar: | | INSERT INTO actor(first\_name, last\_name, last\_update) VALUES ('Robert', 'Downey', '2023-10-17'); |      |  | | --- | | Modificar: | | UPDATE actor SET first\_name = 'Javier', last\_name = 'Medina' WHERE actor\_id = 100; |      |  | | --- | | Eliminar: | | DELETE FROM actor WHERE first\_name = 'Robert' AND last\_name = 'Downey'; | |

* 1. Listar todas las “rental” con los datos del “customer” dado un año y mes.

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| SELECT r.rental\_id, r.rental\_date, r.return\_date, c.first\_name, c.last\_name, c.email  FROM rental r  JOIN customer c ON r.customer\_id = c.customer\_id  WHERE EXTRACT(YEAR FROM r.rental\_date) = 2005  AND EXTRACT(MONTH FROM r.rental\_date) = 05; |
| Para datos completes revisar “rental.csv” |

* 1. Listar Número, Fecha (payment\_date) y Total (amount) de todas las “payment”.

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| SELECT payment\_id, payment\_date, amount  FROM payment; |
| Para datos completes revisar “payment.csv” |

* 1. Listar todas las “film” del año 2006 que contengan un (rental\_rate) mayor a 4.0.

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| SELECT \*  FROM film  WHERE release\_year = 2006  AND rental\_rate > 4.0; |
| Para datos completes revisar “film.csv” |

1. Realiza un Diccionario de datos que contenga el nombre de las tablas y columnas, si éstas pueden ser nulas, y su tipo de dato correspondiente

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| SELECT  table\_name AS "Tabla",  column\_name AS "Columna",  data\_type AS "Tipo de Dato",  is\_nullable AS "¿Puede ser nulo?"  FROM  information\_schema.columns  WHERE  table\_schema = 'public'  AND table\_name IN('actor','store','address','category','city','country','customer',  'film\_actor','film\_category','inventory','language','rental','staff','payment','film')  ORDER BY table\_name ASC; |
| Para datos completes revisar “diccionario.csv” |