Name: \_\_\_\_\_Phillip Aizaga\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson 5: Joins and Unions

For Joins problems Use this tutorial if needed :

https://www.w3schools.com/sql/sql\_join.asp

1. Join the film to the film\_actor table.

SELECT \* FROM FILM

FROM FILM INNER JOIN FILM\_ACTOR

ON film.film\_id = film\_actor.film\_id;

1. Join the actor table to the film\_actor table.

SELECT \* FROM ACTOR

INNER JOIN film\_actor

ON actor.actor\_id = film\_actor.actor\_id

1. Try to join the actor, film\_actor, and film table together (3 joins!)

SELECT \* FROM ACTOR

INNER JOIN film\_actor

ON actor.actor\_id = film\_actor.actor\_id

INNER JOIN film

ON film.actor.film\_id = film.film\_id;

1. Using the following Link <https://github.com/niteen11/cuny_lagcc_micro_credential_data_analytics/tree/main/Track%20A/Unit%205%20-%20SQL_%20Relational%20Databases/guided%20exercise>

And attached data set (Student\_data and Student\_marks ) answer the following questions :

|  |
| --- |
| -- students with the highest marks in Unit 4 |
|  |  |
|  | -- Find students scored between 89 and 100 unit4 |
|  |  |
|  | Open ended questions: |
|  | -- Take a closer look at the tables that you created and come up with 10 different scenarios/ questions and form SQL |
|  | -- Ask your colleagues |