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Module 5.2 Assignment

The functions I will choose are CONCAT(), FIELD(), and LENGTH() and will use the theme of movies from the following assignment in the examples.

1. The CONCAT() function, combines multiple strings into a singular string and can be useful when you want multiple columns to create a single output like a full name out of a first and last name.

Alias Example:

SELECT title, CONCAT('Directed by ', director) AS 'Director Info' FROM movies;

\*This example creates a concatenation/combined output creating a full statement labeled as “Director Info”

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1. The FIELD() function returns the index position of a value within a list of values which can be useful when you want to sort or categorize rows based on predefined priorities or statuses.

Alias Example:

SELECT title, FIELD(rating, 'G', 'PG', 'PG-13', 'R') AS 'Rating Order' FROM movies;

This example will return the position of a specified rating from the ratings in the list with the alias “Rating Order”

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1. The LENGTH() function returns the number of characters in a text string, which is helpful for checking data quality, such as ensuring descriptions are within a certain character limit or identifying unusually short entries.

Alias Example:

SELECT title, LENGTH(description) AS 'Description Length' FROM movies;

This example will tell you how many characters are in the movie’s description and labels it as the alias “Description Length”

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