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CSD 310

Module 5

Here are 3 functions that I have started using with MySQL for the first time!

The first one is **COUNT():** The Purpose helps Count the number of rows that are in a table. This can be useful for determining the number of records in a database or for other forms of data that also meets similar information.

**SQL Statement with Alias**:

SELECT COUNT(\*) AS total\_rows FROM your\_table\_name;

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**AVG()** the purpose will helpcalculate the average value of a number is a column. We can also use it to find average sales, scores, or other data with a lot of numbers.

**SQL Statement with Alias**:

SELECT AVG(column\_name) AS average\_value FROM your\_table\_name;

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**UPPER()** This one I felt was harder to learn but it converts text in a column to uppercase.

I feel this might be useful for formatting data in my table or help ensuring consistency in text-based searches.

**SQL Statement with Alias**:

SELECT UPPER(column\_name) AS uppercased\_text FROM your\_table\_name

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