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MySQL Functions

**1. UPPER() – Change Text to Uppercase**

**When to Use:**  
You’d use UPPER() when you want to make text all uppercase. For example, if you want names or messages to look consistent or stand out, this is helpful. It’s also useful if you’re comparing text but don’t want case to matter.

**Alias:**  
upper\_text

**SQL Statement:**

SELECT UPPER('hello world') AS upper\_text;

**Execution:**

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**2. CONCAT() – Combine Strings**

**When to Use:**  
CONCAT() is great when you want to join two or more pieces of text into one. For example, putting a first name and last name together, or making a message like “Hello, John!” from separate words. It just makes combining stuff easier than doing it manually.

**Alias:**  
FullName

**SQL Statement:**

SELECT CONCAT(FirstName, ' ', LastName) AS FullName

FROM Employees;

**Execution:**

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**3. LENGTH() – Get Length of Text**

**When to Use:**  
LENGTH() tells you how long a piece of text is. You might use it if you want to make sure a name, username, or any text input isn’t too long or too short. It’s useful for checking consistency or validation when working with data.

**Alias:**  
name\_length

**SQL Statement:**

SELECT LENGTH('D\'Jon Harrison') AS name\_length;

**Execution:**

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