

# Find and Replace

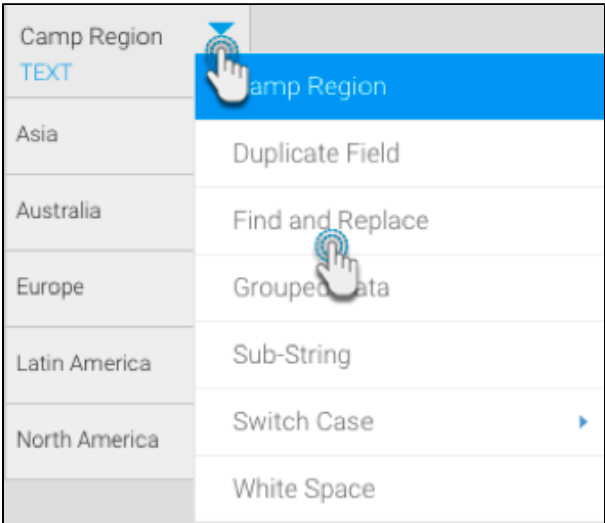
The Find and Replace transformation allows you to quickly find specific data and replace it with another value, from within the Data Transformation module. This is an inline transformation that can be directly performed on data in the data preview panel. However, this can only be applied to *Text* fields.

Using this, you can manipulate string data directly by entering the exact text, or by using regular expressions, which are special text string (or syntax) used to define search patterns. To learn more about regular expressions (or regex), refer to [this](#) external guide.

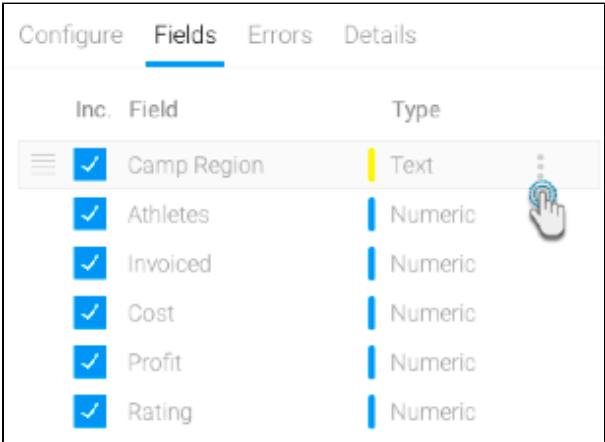
## Instructions

This transformation is done directly on column fields (in the data preview panel) once a step has been configured and data generated in the Data Transformation module. Follow the instructions below to carry this out:

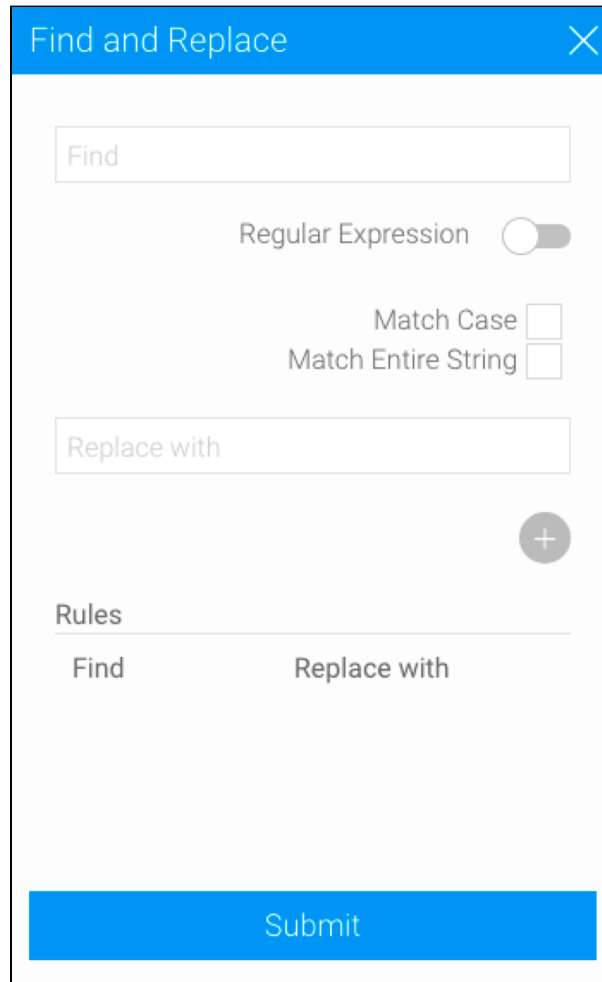
1. Click on the menu icon next to a text field's name in the data preview panel, and select **Find and Replace**.



2. Alternatively, you can click on the menu option next to a text field in the Configure panel, under the Fields tab, and select Find and Replace.

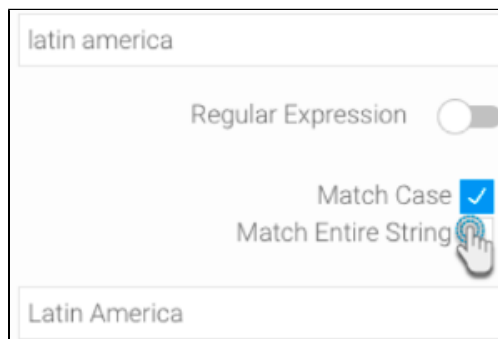


3. A new Find and Replace popup will appear. You can locate data that you wish to replace by either writing it exactly as is in the Find text field, or by providing regex syntax that defines a search pattern to locate data.



The image shows a 'Find and Replace' dialog box with a blue header bar containing a close button (X). Below the header, there is a 'Find' text input field. To its right is a 'Regular Expression' toggle switch, which is currently turned off. Below these are two checkboxes: 'Match Case' and 'Match Entire String', both of which are unchecked. Below the checkboxes is a 'Replace with' text input field. To the right of this field is a circular button with a plus sign (+). Below the input fields is a section titled 'Rules' with a horizontal line. Under this line are two columns: 'Find' and 'Replace with'. At the bottom of the dialog is a large blue 'Submit' button.

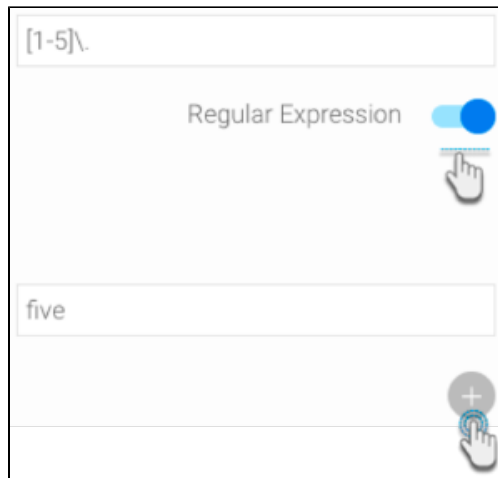
4. **Finding exact text:** If you entered the exact data value in the field, then continue with the steps below:
- Ensure that the Regular Expression toggle is disabled.
  - Enter the exact data values that need to be replaced in the Find field.
  - Select the **Match Case** checkbox to search for text with the same letter case (upper, lower, capital, etc.) as specified in the Find field.



This image is a close-up of the 'Find and Replace' dialog box. The 'Find' field contains the text 'latin america'. The 'Regular Expression' toggle is disabled. The 'Match Case' checkbox is checked, and the 'Match Entire String' checkbox is also checked. A mouse cursor is clicking on the 'Match Entire String' checkbox. The 'Replace with' field contains the text 'Latin America'. The 'Submit' button is visible at the bottom.

- Select the **Match Entire String** checkbox to search for the entire text line in the data. (The value will not be replaced if some of the specified text matches; the entire string needs to be matched.)
  - Then enter the new value with which to replace your selected text.
  - Click on the add (plus) button to save this replacement rule.
5. **Using Regular Expressions:** Follow the below steps only if using regular expressions to search for pattern in data.
- Enable the **Regular Expression** toggle.
  - Enter the regex syntax in the Find field.
  - Then enter the new value with which to replace data through pattern matching.

- d. Click on the add (plus) button to save this rule. It will appear under the Rule section.



6. You can **add more** rules to replace more text data, by repeating the above steps. Note, however, that the rules will be executed in sequence, from top to bottom.
7. You can also **delete** a rule by hovering over it in the Rule list, and then clicking on the delete icon.

| Rules                                                                                |              |
|--------------------------------------------------------------------------------------|--------------|
| Find                                                                                 | Replace with |
| Family                                                                               | family       |
|  |              |

8. Once you are done creating the replacement rules, click **Submit** to apply them all to the data.