Convert number input to text using numeric ranges

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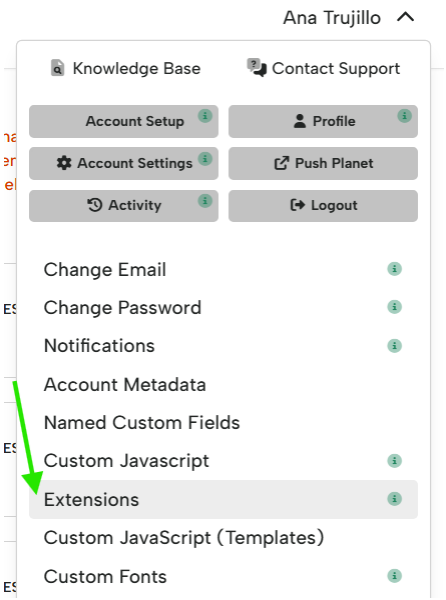
The Numeric Range Mapper extension turns a number a visitor enters, like an age, order size, or score, into a text label you define. Use it to show a friendlier label back to the visitor, or to pass that label through to an integration.

What you'll learn

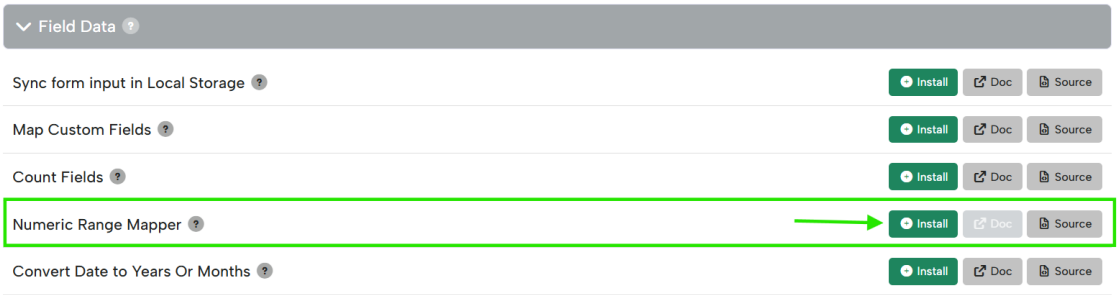
- How to install the Numeric Range Mapper extension
- How to configure numeric ranges and destination labels using campaign metadata
- How to display the mapped text in your campaign or pass it to an integration

Install the extension

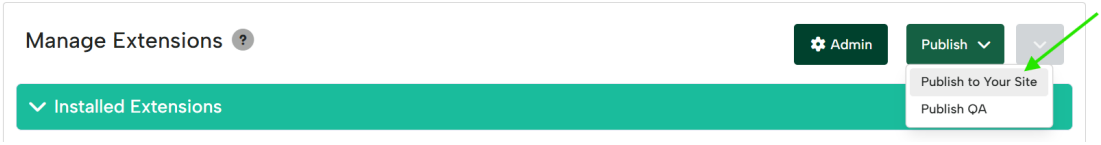
1. Go to your account name drop-down (top right) and select **Extensions**.



2. Find **Numeric Range Mapper** in the **Field Data** category and click **Install**.



3. **Publish to your Site** for the extension to activate.



Configure the extension

Add the extension's settings as campaign metadata:

1. Open the campaign in the Campaign Editor.
2. Go to Settings > Campaign Settings.
3. Scroll to the bottom of the window to find Campaign metadata.
4. Add the metadata keys below.

Metadata Key	Value	Description
range_source	custom_X	The form field with the number to evaluate.
range_dest	custom_Y	The form field that receives the matching label. Must be different from range_source.
range:MIN-MAX	label text	Defines one numeric range. Add one key per range bucket. Both MIN and MAX are inclusive.

Important: The source and destination fields must be different, and neither should be used for any other purpose on the form.

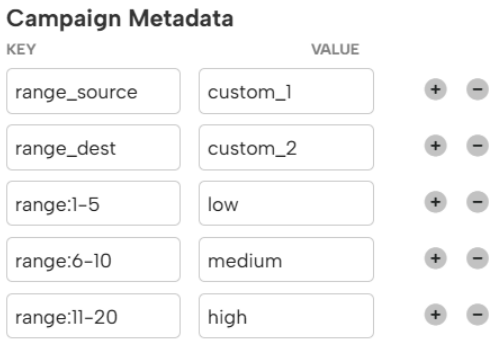
Example

Goal: read a numeric score from custom_1 and write a tier label into custom_2.

Metadata Key	Value
range_source	custom_1
range_dest	custom_2
range:1-5	low
range:6-10	medium
range:11-20	high

With this configuration, a source value of 7 sets custom_2 to medium. A value of 0 or 21 doesn't

match any range, so custom_2 keeps its current value.



How the range matching works

- Digioh checks the ranges when the form is validated, before the campaign submits, so the destination field already holds the matched label by the time the submission goes out.
- Range comparisons are inclusive, so a value equal to MIN or MAX counts as a match.
- If your ranges overlap, whichever range is checked first wins, and that order isn't guaranteed. Avoid overlapping ranges to prevent inconsistent results.
- If the source value doesn't fall in any range, the destination field keeps its existing value.
- The extension reads whole numbers only. If a visitor enters a decimal, only the whole number part is used (5.9 becomes 5).
- Both the source and destination fields must exist on the form, or the mapping won't run.

Display or use the mapped value

To show the mapped text in the campaign, install the Universal Merge Tags extension, then add the merge tag for your destination field (for example, [CUSTOM_2] if range_dest is custom_2) to a text element.

To pass the mapped text to an integration, reference that field number in the map task of your pipeline.

That's it; your numeric range mapping is ready to go. Need a hand? Reach out to support@digioh.com.