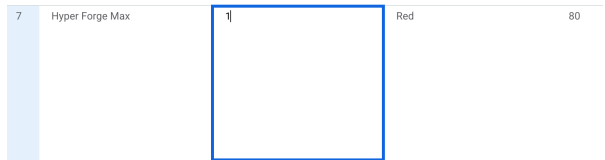
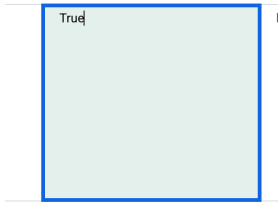





Data preparation

Select is_he_val , select the column	
Find a value where it says 1 instead of True	 A screenshot of a data table. The first row is highlighted in light blue. The first column contains the number '7'. The second column contains the text 'Hyper Forge Max'. The third column contains the value '1'. The fourth column contains the text 'Red'. The fifth column contains the number '80'. A blue rectangular box highlights the cell containing '1'.
Click enter	 <div><div>Transformation</div><p>Replaces the value '1' with 'True' in the is_he_val column.</p><pre>CASE WHEN is_he_val = '1' THEN 'True' ELSE is_he_val END</pre><div>Rate this suggestion   </div><div>Preview Edit Apply</div></div>

Apply transformation, do the same for 0

Steps [>|](#)

[Suggestions\(1\)](#) [Applied Steps\(2\)](#)

✧ Suggestions by Gemini

Leverage AI powered insights to prepare your data.

Transformation

Transforms '0' to 'False', 'True' to 'True', and any other value to NULL.

```
CASE WHEN is_he_val = 'True' THEN 'True' WHEN  
is_he_val = '0' THEN 'False' ELSE NULL END
```

Rate this suggestion   

[Preview](#)

[Edit](#)

[Apply](#)

Now let s cast the field to boolean

Apply it and it will automatically be converted to a boolean

Transformation

This expression converts the string values 'True' to boolean TRUE and all other values to FALSE.

```
CASE WHEN is_he_val = 'True' THEN TRUE ELSE  
FALSE END
```

Rate this suggestion   

[Preview](#)

[Edit](#)

[Apply](#)

Go to the layout field, find a value where we have a %,

Remove numerical values

Transformation

Extracts only the numerical part of the layout string by removing any non-numeric characters.

```
REGEXP_REPLACE(layout, r'^0-9+', '')
```

Rate this suggestion   

[Preview](#)

[Edit](#)

[Apply](#)

Parse JSON, select the review

Transformation

This expression extracts the review_details from the JSON string.

JSON_EXTRACT_SCALAR(review, '\$.review_details')

Rate this suggestion

Preview

Edit

Apply

Click on EDIT

Target column *

Loaded schema fields

product_name

STRING

is_he_val

STRING

switch_type

STRING

layout

STRING

review

STRING

Create new column

Change the destination column

For the username

Input the following prompt:

extract from the JSON string the username field

+

Add Step

	<div><div>Steps</div><div><div>Preview Suggestion</div><div><div>Extract the username from the JSON string in the review column</div><div><code>JSON_EXTRACT_SCALAR(review, r'\$.username')</code></div><div>Target column * review</div><div><div>This action will overwrite the target column values.</div></div><div><div>Preview</div><div>Apply</div></div></div></div></div>
<p>Make sure there is a Destination table by adding a step</p> <p>And setting it to Cleansed_keyboard in your dataset</p>	<div><div>Filter</div><div>Transformation</div><div>Join</div><div>Destination</div><div><div>+ Add Step</div></div></div>

	<div><div>Edit Destination</div><div><div>Project *</div><div>sfsc-srvt-shared</div><div>Browse</div></div><div><div>Dataset *</div><div>next25_demo</div></div><div><div>Table *</div><div>cleansed_keyboard_data</div></div><div><div>Maximum name size is 1,024 UTF-8 bytes. Unicode letters, marks, numbers, connectors, dashes, and spaces are allowed.</div></div><div><div><div><div></div></div><div>When a non-existing destination table is entered, the data preparation will create a new table using the current schema information.</div></div></div></div>

	<div><div>Steps</div><div><div>Suggestions(2)</div><div>Applied Steps(8)</div></div><div><div><div>Read from BigQuery table sfsc-srtt- shared.next25_demo.raw_keyboard_data</div><div>Source</div></div><div><div>Replaces the value '1' with 'True' in the is_he_val column.</div><div>Transformation</div></div><div><div>Transforms '0' to 'False', 'True' to 'True', and any other value to NULL.</div><div>Transformation</div></div><div><div>Extracts only the numerical part of the layout string by removing any non- numeric characters.</div><div>Transformation</div></div><div><div>This expression extracts the review_details from the JSON string.</div><div>Transformation</div></div><div><div>Extract the username from the JSON string in the review column</div><div>Transformation</div></div><div><div>This expression converts the string values 'True' to boolean TRUE and all other values to FALSE.</div><div>Transformation</div></div><div><div>Write into BigQuery table sfsc-srtt- shared.next25_demo.cleansed_keyboard</div><div>Destination</div></div></div></div>
Let s run our cleansing operations	<div><div>▶ Run</div></div>