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Launch Tip of the Month December 2021

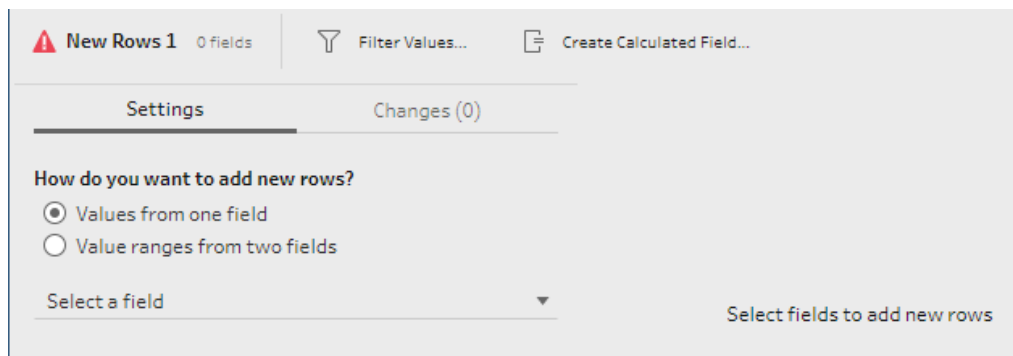
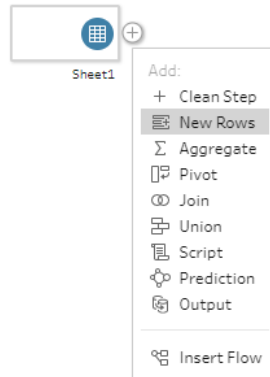
Sometimes the data you need to bring into Tableau is missing some values. For example, if you wanted to analyze new customer data using the spreadsheet below, you would notice that there are only 25 values for the month of January instead of the 31 we are expecting.

Apparently, the person who created the spreadsheet neglected to put in dates if there were no new customers that day. This will throw off our calculations such as average number of new customers per day.

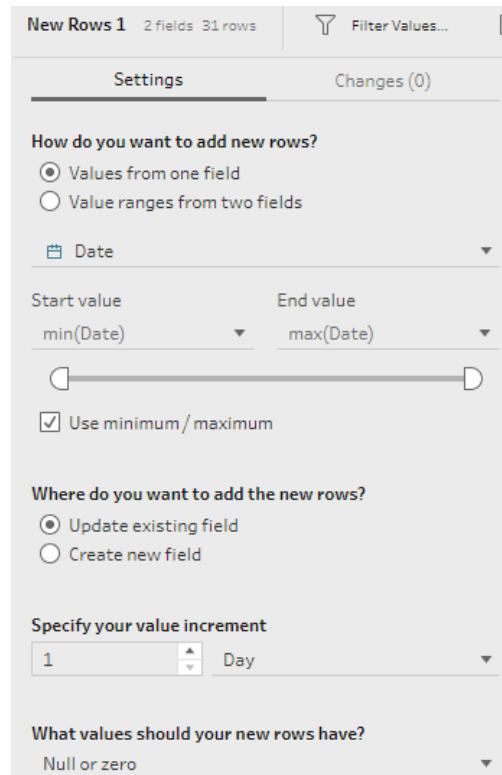
	A	B
1	Date	New Customers
2	1/1/2021	8
3	1/2/2021	1
4	1/3/2021	7
5	1/4/2021	8
6	1/6/2021	8
7	1/7/2021	1
8	1/8/2021	7
9	1/9/2021	6
10	1/10/2021	1
11	1/12/2021	7
12	1/13/2021	8
13	1/15/2021	5
14	1/16/2021	7
15	1/17/2021	8
16	1/18/2021	5
17	1/19/2021	1
18	1/22/2021	7
19	1/23/2021	8
20	1/24/2021	4
21	1/25/2021	2
22	1/26/2021	5
23	1/27/2021	4
24	1/28/2021	8
25	1/30/2021	8
26	1/31/2021	3

Tableau Prep Builder helps us fill in the gaps.

1. Open Tableau Prep Builder and connect to the data source.
2. Once you have connected to a data source, you can add a New Rows Step by clicking the plus (+) next to the Input Step.

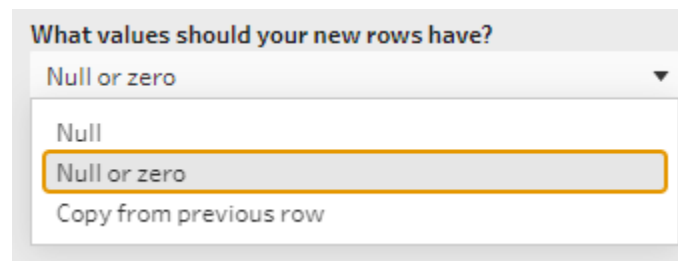


Once we have selected the Date field, Tableau Prep Builder offers us choices for how to fill in the missing values.



We can pick a range of dates to add new values to or use the min and max values to get everything in the range.

We can specify how to increment the new values and we can choose what the new values should look like.



What values should your new rows have?

Null or zero

Null

Null or zero

Copy from previous row

The data has now been transformed to show zeros for dates when we had no new customers!

Date	New Customers
01/01/2021	8
01/02/2021	1
01/03/2021	7
01/04/2021	8
01/05/2021	0
01/06/2021	8
01/07/2021	1
01/08/2021	7
01/09/2021	6
01/10/2021	1
01/11/2021	0
01/12/2021	7
01/13/2021	8
01/14/2021	0
01/15/2021	5
01/16/2021	7
01/17/2021	8
01/18/2021	5
01/19/2021	1
01/20/2021	0
01/21/2021	0
01/22/2021	7
01/23/2021	8
01/24/2021	4
01/25/2021	2
01/26/2021	5
01/27/2021	4
01/28/2021	8
01/29/2021	0
01/30/2021	8
01/31/2021	3

Want to learn more about Tableau Prep Builder?

Featured Course: Tableau Prep Builder

- Introduction to Tableau Prep Builder
- Why Use Tableau Prep Builder?
- Things You Can Do with Tableau Prep Builder
- Where Does Prep Builder Fall in the Business Analytics Process?
- The Tableau Prep Builder Interface
- Connecting to Data Sources and Learning about Your Data
 - Connecting to Data
 - Using the Data Interpreter
 - Modifying Fields and Settings in the Input Pane
 - Learning about Your Data and Accessing the Tools to Fix It
 - Pausing Updates
- Cleaning Data
 - Filtering Values
 - Changing Text to Uppercase/Lowercase
 - Removing Letters and Numbers from a Field
 - Removing Punctuation from a Field
 - Removing Extra Spaces from a Field
 - Grouping Values (Manually, by Pronunciation, by Common Characters, by Spelling)
 - Splitting Data in One Field into Multiple Fields
 - Creating Calculated Fields
 - Reusing Cleaning Steps or Changing Which Field They Apply To
- Combining Data
 - Using Unions to Append Data
 - Dealing with Mismatched Fields after Creating a Union
 - Using Wildcards to Select Which Files to Union
 - Using Joins to Combine Data
 - Selecting Join Types
 - Viewing Join Type Results
 - Fixing Mismatched Fields
- Shaping Data
 - Pivoting Data
 - Aggregating Data to Blend with a Data Source at a Different Level of Detail
 - Previewing Data in Tableau Desktop
- Using Data Sampling
 - Selecting the Amount of Data to Work with In Tableau Prep Builder
 - Planning to Use Tableau Prep Builder

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