

Time Series Unstacker

The Time Series Unstacker is a robust tool that efficiently transforms and manipulates time series data. This feature aids in better understanding, organizing, and visualizing data.

1. How to Use

Prepare your time series data in a 'stacked' format as illustrated in the image below. In such a file, the first column should list the dates, and each subsequent column should represent a specific time interval, with the corresponding data values. You can upload your time series data in this 'stacked' format, contained within a CSV or ZIP file.

	A	B	C	D	E	F	G	H	I	J	K
1	Date	12:00 AM	12:15 AM	12:30 AM	12:45 AM	1:00 AM	1:15 AM	1:30 AM	1:45 AM	2:00 AM	2:15 AM
2	6/4/2020	0.61	0.595	0.58	0.5475	0.515	0.4825	0.45	0.4375	0.425	0.4125
3	6/5/2020	0.425	0.4075	0.39	0.3975	0.405	0.4125	0.42	0.4	0.38	0.3675
4	6/6/2020	0.6	0.57	0.54	0.51	0.48	0.45	0.42	0.4125	0.405	0.3975
5	6/7/2020	0.51	0.455	0.4	0.4275	0.455	0.4825	0.51	0.4975	0.485	0.4725
6	6/8/2020	0.445	0.4075	0.37	0.3725	0.375	0.3775	0.38	0.39	0.4	0.4125
7	6/9/2020	0.46	0.455	0.45	0.4275	0.405	0.3825	0.36	0.3775	0.395	0.4125
8	6/10/2020	0.6	0.585	0.57	0.5375	0.505	0.4725	0.44	0.415	0.39	0.3675
9	6/11/2020	0.365	0.3825	0.4	0.4275	0.455	0.4825	0.51	0.495	0.48	0.4675
10	6/12/2020	0.435	0.4575	0.48	0.455	0.43	0.405	0.38	0.395	0.41	0.4275

Upload your file by clicking 'Choose File.' Xendee accepts CSV or ZIP formats. A sample file is available for download to test the conversion process. After uploading a file, click 'Unstack Time Series Data'. The tool will convert and download the file in a ZIP folder automatically.

"Unstack" Time Series Data

Upload a single "stacked" time series data file (.csv) or a ZIP file that contains one or more "stacked" time series files. A "stacked" time series file is one where each day is a row and each time reading a column.

[Download a sample .csv file.](#)

Stacked Time Series Data

Choose File No file chosen

Unstack Time Series Data

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10	6/12/2020	0.435	0.4575	0.48	0.455	0.43	0.405	0.38	0.395	0.41	0.4275
11	6/13/2020	0.61	0.59	0.57	0.5175	0.485	0.4125	0.36	0.375	0.39	0.4025
12	6/14/2020	0.945	0.9275	0.91	0.8175	0.785	0.6925	0.62	0.5425	0.485	0.3875
13	6/15/2020	0.445	0.4475	0.44	0.4225	0.405	0.3875	0.37	0.37	0.37	0.37
14	6/16/2020	0.42	0.4	0.38	0.3525	0.325	0.2975	0.27	0.2375	0.205	0.1725
15	6/17/2020	0.515	0.5025	0.49	0.505	0.52	0.535	0.55	0.565	0.58	0.61
16	6/18/2020	0.435	0.4175	0.4	0.4025	0.405	0.4075	0.41	0.395	0.38	0.3675
17	6/19/2020	0.585	0.5625	0.54	0.5025	0.465	0.4275	0.39	0.395	0.4	0.4025
18	6/20/2020	0.52	0.48	0.44	0.4425	0.445	0.4475	0.45	0.4325	0.415	0.3975
19	6/21/2020	0.44	0.455	0.47	0.4525	0.435	0.4175	0.4	0.415	0.43	0.4425
20	6/22/2020	0.445	0.4325	0.42	0.4075	0.395	0.3825	0.37	0.385	0.4	0.4125
21	6/23/2020	0.465	0.4475	0.43	0.4225	0.415	0.4075	0.4	0.3875	0.335	0.3025
22	6/24/2020	0.475	0.4725	0.47	0.4925	0.515	0.5375	0.56	0.54	0.52	0.51
23	6/25/2020	0.46	0.46	0.46	0.4525	0.445	0.4375	0.43	0.505	0.58	0.605
24	6/26/2020	0.67	0.555	0.44	0.4475	0.455	0.4625	0.47	0.4425	0.415	0.3875
25	6/27/2020	0.53	0.485	0.44	0.4425	0.445	0.4475	0.45	0.42	0.39	0.3675
26	6/28/2020	0.55	0.51	0.47	0.465	0.46	0.455	0.45	0.4425	0.435	0.4275
27	6/29/2020	0.565	0.4925	0.42	0.4075	0.395	0.3825	0.37	0.3675	0.365	0.3625

Sample "stacked" time series data.

The converted file will display the data in a single column, with the number of rows matching the interval time of the uploaded file.

