



TabulaX - Data Transformation

Upload your source and target files. Write your logic. Then test it on an input!

Upload Source File

Drag & drop your CSV/XLSX file here, or click to select

source.csv

Upload Target File

Drag & drop your CSV/XLSX file here, or click to select

target.csv

Select Source Column

24-hour format

Select Target Column

12-hour format

Source Samples 5

Search...

Value	Actions
00:00	Copy
01:15	Copy
02:30	Copy
03:45	Copy
06:00	Copy

Target Samples 5

Search...

Value	Actions
12:00 AM	Copy
1:15 AM	Copy
2:30 AM	Copy
3:45 AM	Copy
6:00 AM	Copy

Python Transformation Editor

Function Type: Algorithmic

```
1 def time_converter(time):
2     hour = int(time[:2])
3     minute = time[3:]
4     if hour == 0:
5         hour = 12
6         period = "AM"
7     elif hour < 12:
8         period = "AM"
9     elif hour == 12:
10        period = "PM"
11    else:
12        hour -= 12
13        period = "PM"
14    return str(hour) + ":" + minute + " " + period
```

Edit Copy

Python Function Tester Console

> Enter input to test

Run

Choose Your Data Source

Upload File

Connect to Database

Upload Input File

Drag & drop your CSV/XLSX file here, or click to select

input.csv

Select Input Column

24-hour format

Input Samples 5

Search...

Value	Actions
00:00	Copy
00:30	Copy
01:00	Copy
01:30	Copy
02:00	Copy

[Apply Transformation](#)

✓ Transformation successfully applied to **24-hour format!**

Transformed Data Table

Showing table with transformed values for column **24-hour format**

[Download CSV](#)

11:15 PM

10:30 AM

6:00 PM

11:00 AM

7:00 AM

9:00 AM

3:00 PM

5:45 AM

7:15 PM

3:15 AM

2:45 PM

Showing 20 of 41 rows. Download the CSV for complete data.

Transformation Results

Success! Your transformation has been applied. The table below shows both the original and transformed data.

24-HOUR FORMAT TRANSFORMED

12:00 AM

12:30 AM

1:00 AM

1:30 AM

2:00 AM

3:00 AM

4:00 AM

5:00 AM

6:30 AM

Showing 15 of 41 rows. Use the download button in the transformation panel to get the complete dataset.

How to use this demo

1. Upload your source and target samples
2. Select one column each from source and target
3. Write transformation code
4. Choose your data source:

... choose your data source

- Upload a file and select input column, or
 - Connect to a database and select table and column
5. Test and apply the transformation



TabulaX

AI-powered table transformation tool that
converts your data seamlessly.



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