Test: Python

# Task

Transform the data present in ‘[Sample Input](https://docs.google.com/spreadsheets/d/1MG3x99End5SEZU4p-EqkMbWnPR-v5-kuRwiLTItoLY4/edit?usp=sharing)’ CSV into ‘[Sample Output](https://docs.google.com/spreadsheets/d/1uzC9QtyBxfPfcL4MEaFikM1wBj690o7xCMsk8fxuIao/edit?usp=sharing)’ CSV using Python.

# Details

1. See comments in ‘Sample Input’ for column mapping (e.g., ItemId becomes tag\_\_id)
2. ‘Sample Input’ has all tags captured in one row. Whereas in ‘Sample Output’ we need one tag per row. That’s why it is called a transformation task.
3. ‘Sample Input’ has data captured every 5 milliseconds. We need to aggregate it to 10 sec using MAX as the aggregation function.

# Submission Format

1. Preferably as a Jupyter Notebook
2. Upload both the input CSV and the output CSV (as generated by the code) to the Git repository