

System test case - #3

Test case details

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Device: Desktop Computer, fast modern processor, Windows 11 Home v.23H2

Environment details:

- Most recent master branch of the project github
- most recent commit is
369416d27d187954a714f2dfe7d13cb406573927
- Anaconda virtual environment used with development
- Python and used imports:
 - Python 3.12.1
 - numpy 1.26.3
 - pandas 2.1.4
 - us 3.1.1

Test details

Test is a system test, running the whole model with specific parameters. For this test case we attempt run the same test as the first test, since a fix has been implemented to the exception that occurred. Fingers crossed it works now.

Parameters:

- Dataset: NYtimes
- END_DATE: 2021-07-07
- VAL_END_DATE: 2021-07-14
- level: state

Test steps and results:

1. Run validation.py with the following arguments:
validation.py --END_DATE 2021-07-07 --VAL_END_DATE 2021-07-14 --dataset NYTIMES --level state
 - a. Result: Successful validation with a runtime of about 60 minutes (Had a problem with stopwatch). Generated files can be found from *System test 3 \ Results_1*.
2. Run generate_predictions.py with the same arguments
 - a. Result: Successful run of generate_predictions with a runtime of just over 14 minutes. Generated files at *System test 3 \ Results_2*.

Test results

By all reason, it seems the program was run successfully using the state level data of NYtimes. The fix that was implemented for the problem of test #1 appears to be effective.