System test case - #1

Test case details

Tester: Eetu Luoma

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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 c72169bb6764e2ddba202fc4f6486a08fd74cae9
- 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 use the same parameters as the only example in the base code of the project provided to the group by UCLA.

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: Program crash due to exception after running for about 4min 45 sec. Validation was apparently completed successfully for states Washington, Illinois, California, Arizona. Then it started for Massachusetts, but crashed within function generate_parameters() of validation.py. This appears to be due to a faulty variable. Image of crash below

Image:

2. Test case aborted due to crash