

**NURO Analysis Code Manual**

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**Requirements**

**Languages**: Python (version 3.9.6), JavaScript, CSS, HTML

**Virtual Environment/Server**: download all libraries in virtual environment or on server using pip install <library name>; see resources on more information on creating a virtual environment

**Libraries**: Flask, Werkzeug, Requests, Pandas, meteostat

**Minimum Usage**: 30 users at one time; average size of GET request is 330,000 bytes

**Version 1.0**:

* Status: deployed; tested and debugged
* Latest Update: added Help Page
* Contents: new UI, no weather data, hard-coded tests
* Link:

**Version 2.0**:

* Status: not deployed; current version; working consistently
* Latest Update: added weather data and Test 14; used modifyTests.py to dynamically update tests
* Contents: weather data using meteostat library + mapsquest API, Test 14, daily weather chart; modifyTests.py; test execution using JSON files
* Link:

**File Setup**

**Code Execution**

**Updating Tests**

**Adding Data Columns**

**Potential Future Improvements**

**Resources**