

## Assignment 5: Continuous Integration Software Engineering for Scientists

**Objectives:** Become familiar with continuous integration using GitHub actions.

This assignment will build off of the work done in Assignment 4, so use the same repository.

**Tasks:**

1. Implement automated testing for your repository using GitHub actions. Your tests should
  - a. Run when a
    - i. Any branch is pushed
    - ii. A pull request is made on the main branch
  - b. Run unit tests
  - c. Run functional test
  - d. Run style checks
2. Add a few lines to the README that summarize your changes.
3. Create a release from master tagged as 4.0