

Authors - River Veek  
Group - Keyboard Warriors  
Last Modified - 2/10/21

A document used to keep track of hours worked and what was done during that time.

## **River Veek Individual Progress**

(Total Hours = 53.25)

1/19/21 - (.25 hrs)

Added personal milestones to Trello board.

1/23/21 - (2 hrs)

Worked on implementing `impute_missing_data()` in the `preprocessing.py` file.

1/25/21 - (2 hrs)

Added questions to the weekly meeting agenda document, worked on implementing `impute_missing_data()` and `impute_outliers()`, tested both functions, but did not get around to adding them to the test suite.

1/26/21 - (2.75 hrs)

Added a file to the Bitbucket repository that will hold the nosetests for all preprocessing functions, communicated with the team over Discord to check on group progress, extended docstrings for `impute_missing_data()`, `impute_outliers()`, and `longest_continuous_run()`, tested functions, moved cards around on Trello board.

1/27/21 - (.5 hrs)

Created an explanation (with an example) of how to write nosetests and added it to the group Discord. Finished working on `clip()` and `assign_time()` and added docstrings for both.

1/29/21 - (5 hrs)

Refactored all preprocessing functions to account for new parameter types. Reworded all docstrings to account for parameter changes as well.

1/30/21 - (4.5 hrs)

Continued refactoring `impute_missing_data()`, `impute_outliers()`, and `longest_continuous_run()`. Added new docstrings and also added test cases for all of these functions to the preprocessing test suite.

1/31/21 - (2 hrs)

Continued work on `clip()`, `assing_time()`, and `design_matrix()`. Added docstrings for each.

2/1/21 - (4 hrs)

Completed `impute_missing_data()` and `impute_outliers()` along with complete docstrings and test cases.

2/2/21 - (4 hrs)

Completed `clip()` and `assign_time()` along with complete docstrings and test cases.

2/3/21 - (3.5 hrs)

Revised clip() and design\_matrix() and added new test cases for both.

2/4/21 - (3 hrs)

Completed design\_matrix() function, added new test cases for design\_matrix() function.

Moved cards around on Trello board. Cleaned up the preprocessing test suite file.

2/5/21 - (1.5 hrs)

Collaborated with the team to divide work for a slideshow. Planned out my assigned slides covering some technical aspects of the project.

2/6/21 - (.75 hrs)

Grouped all preprocessing tests into classes so that they could be run as modules (opposed to running all tests at once).

2/7/21 - (.5 hrs)

Fixed test cases for design\_matrix() to account for new return value.

2/8/21 - (4 hrs)

Fixed bug found in design\_matrix(), fixed bug found in design\_matrix() tests. Cleaned up preprocessing function code, added more descriptive comments. Added information about preprocessing module to SDS document. Attempted to test preprocessing functions with the time series tree.

2/9/21 - (6 hrs)

Tested preprocessing functions with time series tree. Fixed bug in longest\_continuous\_run(). Cleaned up preprocessing.py file. Aided in completion of SDS document. Added docstring headers to various files.

2/10/21 - (7 hrs)

Fixed spelling and grammatical mistakes in SRS, SDS, and various other documentation files.