|  |  |
| --- | --- |
| **Tester** | Tah Wen Zhong |
| **Test type** | Unit |
| **Component** | Normalization |
| **Number of test suites** | 1 |
| **Number of test cases** | 4 |
| **Status** | Complete |
| **Test file** | normal \_test.py |
| **Date of completion** | 28/8/2021 |

Testing the functionality of Normalization

Rows highlighted yellow indicate test cases that have found issues present in the UI

# Test suite 1 (28/8/2021)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case ID | Test case description | Test data/setup | Expected Result | Actual Result | Pass/Fail |
| 1 | Test base functionality of normalization method | Perform normalization with mock data | Result returns successfully, with no errors | Result returns successfully, with no errors | Pass |
| 2 | Check if function removes empty data appropriately | Perform normalization with mock data containing missing values | Function removes all missing values | Function removes all missing values | Pass |
| 3 | Check if function can distinguish empty data and string values | Perform normalization with mock data containing both string and missing values | Function only removes missing values | Function only removes missing values | Pass |
| 4 | Check if function run successfully using actual dataset | Perform normalization on test2.arff.txt  (KC dataset) | Result returns successfully, with no errors | Result returns successfully, with no errors | Pass |

# Rationale (optional)

None.

# Results

|  |
| --- |
| **Screenshot 1 (Test file)** |
|  |
| **Screenshot 2 (Test suite 1 output)** |
|  |