

Name: *Tony Nguyen*

Assignment: 7

|                       |       |         |
|-----------------------|-------|---------|
| Complete and Correct: | ..... | 24 / 24 |
| Notebook:             | ..... | 5 / 9   |
| Clean Code:           | ..... | 2 / 2   |
| <hr/>                 |       |         |
| Total Score:          | ..... | 31 / 35 |

**Comments:**

1. -4 for inaccurate confusion matrices for tddid, likely caused by issues with your tree cleanup (resolve attribute values and resolve leaf nodes) functions

**Unit test output:**

```
===== test session starts =====
platform darwin -- Python 3.11.5, pytest-7.4.3, pluggy-1.3.0 -- /Library/Frameworks/Python.framework/Versions/3.11/bin/
cachedir: .pytest_cache
rootdir: /Users/burgefamily/CPSC322TA/cpsc322-scripts/hw7-grades/hw7-tonixsmm
collecting ... collected 12 items

hw7_tests.py::test_same_class PASSED [ 8%]
hw7_tests.py::test_build_leaves PASSED [ 16%]
hw7_tests.py::test_two_col_calc_e_new PASSED [ 25%]
hw7_tests.py::test_three_col_calc_e_new PASSED [ 33%]
hw7_tests.py::test_three_labels_calc_e_new PASSED [ 41%]
hw7_tests.py::test_zero_column_tddid PASSED [ 50%]
hw7_tests.py::test_one_column_tddid PASSED [ 58%]
hw7_tests.py::test_two_column_tddid PASSED [ 66%]
hw7_tests.py::test_summarize_instances PASSED [ 75%]
hw7_tests.py::test_resolve_leaf_nodes PASSED [ 83%]
hw7_tests.py::test_resolve_attribute_values PASSED [ 91%]
hw7_tests.py::test_tddid_predict PASSED [100%]

===== 12 passed in 0.46s =====
```