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Assignment 2
Reflection

Between my previous code and the code I rewrote. In assignment 1, I created a class which saved some variables. Inside the function _analyze_structure(), I created variables and added to them repeatedly as they were just lists, and mutable. In assignment 2, I used functions to return the values, and I sent the "tree" too the function, and didn't change the values in tree. Then I used list(map()) instead of for loops to transform data to prevent any possible mutation of the data. I also separated the code where I extended the report information, from all the other functions, in an attempt to keep it "pure".