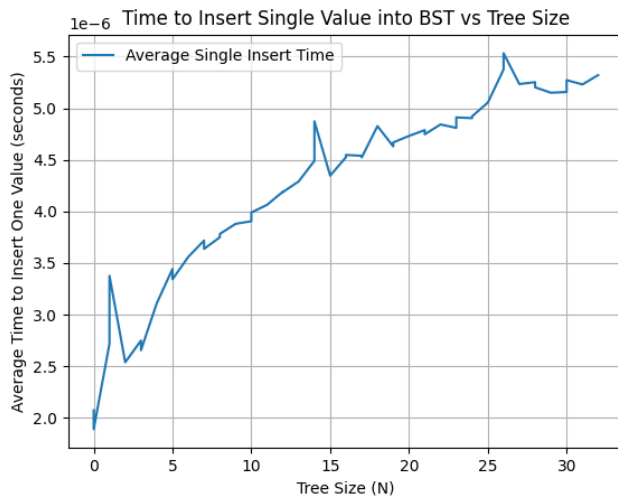


When finding the average tree height of a random BST with N nodes, it can be seen that the curve approximates a logarithmic function of N . This is expected behavior as BST height should be, on average, $O(\log(N))$.



Similarly, when charting the average time for inserting a single value into a random BST with N nodes, the curve also resembles a logarithmic function of N . Spikes in the graph are likely trees with randomly unbalanced structures. The path to a given node from the root should be $O(\log(N))$ as well.