CS/SE 2XC3 Lab 5 Report

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This report includes the main observations that we found in this week's lab, along with the analysis of our results.

1 Timing Data

In this section, we analyze the test results of three functions and give our best judgement of how each of these functions is growing in n.

1.1 $f(n)$

For the data set of $f(n)$, the trend line appears to be linear. From the chart below we can see that the R^2 is 0.9992 for the linear equation. It is already a very good result.