N	NLogN	Time
500000	6561182	0.156185
3026315	45161264	1.081231
5552631	86231151	2.072454
8078947	128493811	3.064934
10605263	171559865	4.103913
13131578	215233529	5.141813
15657894	259396278	6.237371
18184210	303968422	7.277169
20710526	348892682	8.27819
23236842	394125877	9.518136
25763157	439634259	10.635305
28289473	485390787	11.653788
30815789	531373221	12.717488
33342105	577562998	13.72225
35868421	623944377	14.807018
38394736	670503820	15.975746
40921052	717229630	17.135807
43447368	764111504	18.148716
45973684	811140358	19.489633
50000000	886376678	21.082235

NLogN vs. Time
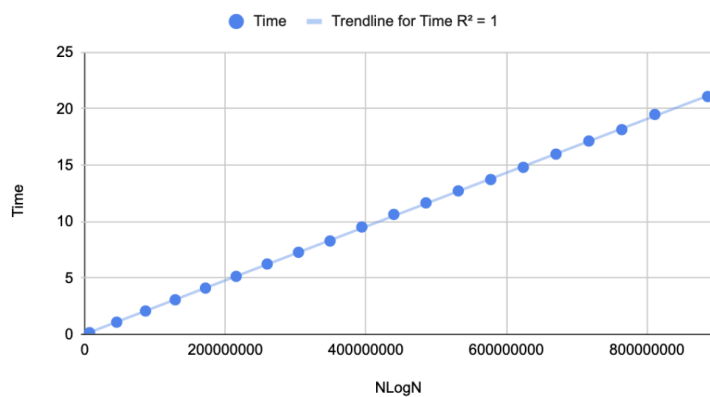
I performed the linear regression by opening the csv file into google sheets, creating a scatterplot, adding in a linear trendline, and then getting the r^2 value accordingly.