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| --- | --- | --- |
| Dataset Size | Single Thread Time | Multi Thread Time |
| 25 | 20328 | 14524 |
| 50 | 21589 | 19412 |
| 100 | 36984 | 16715 |

I generated 100 text files with the base name “testSet” and tested my code with 25, 50 and 100 files. I found that when using single threading, the time it took to process increased with the number of files, but with multithreading that wasn’t always the case, as it took longer to run 50 files than 100. However, single threading always took more time than multithreading, even when the number of files ran using multithreading was four times the number of files ran using single threading.