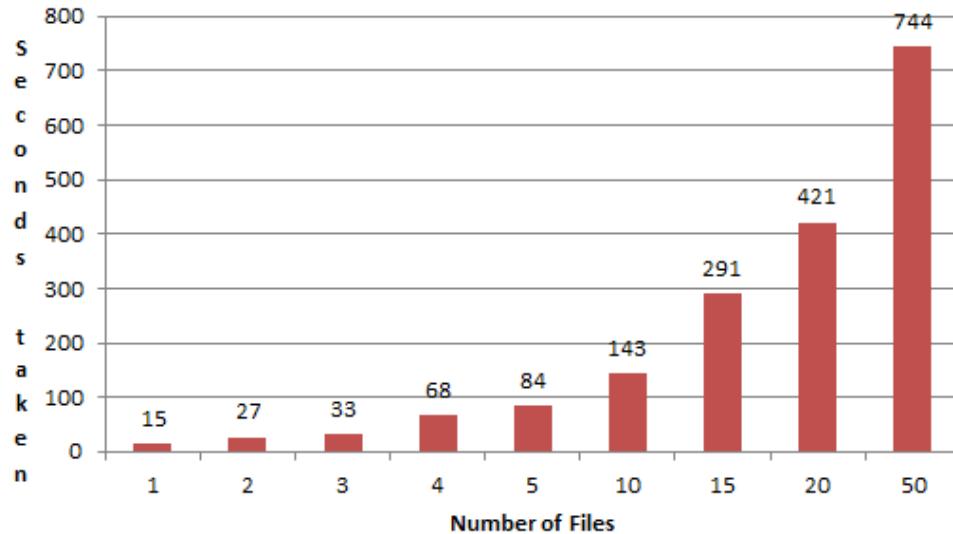


ANALYSIS:

2-Gram Word Cooccurrence Analysis



As shown in the above graph:

Time increases exponentially with increase in number of files and the output files size also rises exponentially from few mbs to gbs.

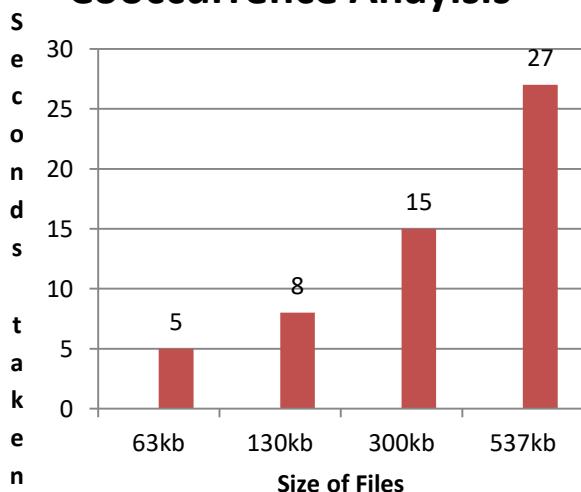
However this time and memory required and consumed is very less compared in case of 2-gram in comparison to 3-gram Word Cooccurrence as seen from the size of output files(gbs in case of 3-gram) compared for the same input to 2-grams.

Below we have graphs for 3-gram co-occurrence in which the first graph contains 2files which were same in case of 2-gram but time consumed however is very different

i.e. 1 file – 2gram – 15 seconds and 2files – 2gram – 27 seconds

However, 1 file – 3gram – 84 seconds and 2files – 3gram – 452 seconds

3-Gram Word Cooccurrence Analysis



3-Gram Word Cooccurrence Analysis

