

Optimization parameter: Combiner

	Size of Dataset	Number of nodes	Time Taken
With Combiner	100 MB	15	619000
Without Combiner	100 MB	15	1156000

Optimization parameter: Dataset

Size of Dataset	Combiner Implementation	Number of nodes	Time Taken
100 MB	Yes	15 Nodes	619000
200 MB	Yes	15 Nodes	1012000
400 MB	Yes	15 Nodes	1230000

Optimization parameter: Number of Nodes

Number of nodes	Combiner Implementation	Size of Dataset	Time Taken
10 Nodes	Yes	400 MB	1347000
15 Nodes	Yes	400 MB	1230000
20 Nodes	Yes	400 MB	1058000