

# Project 2 Report

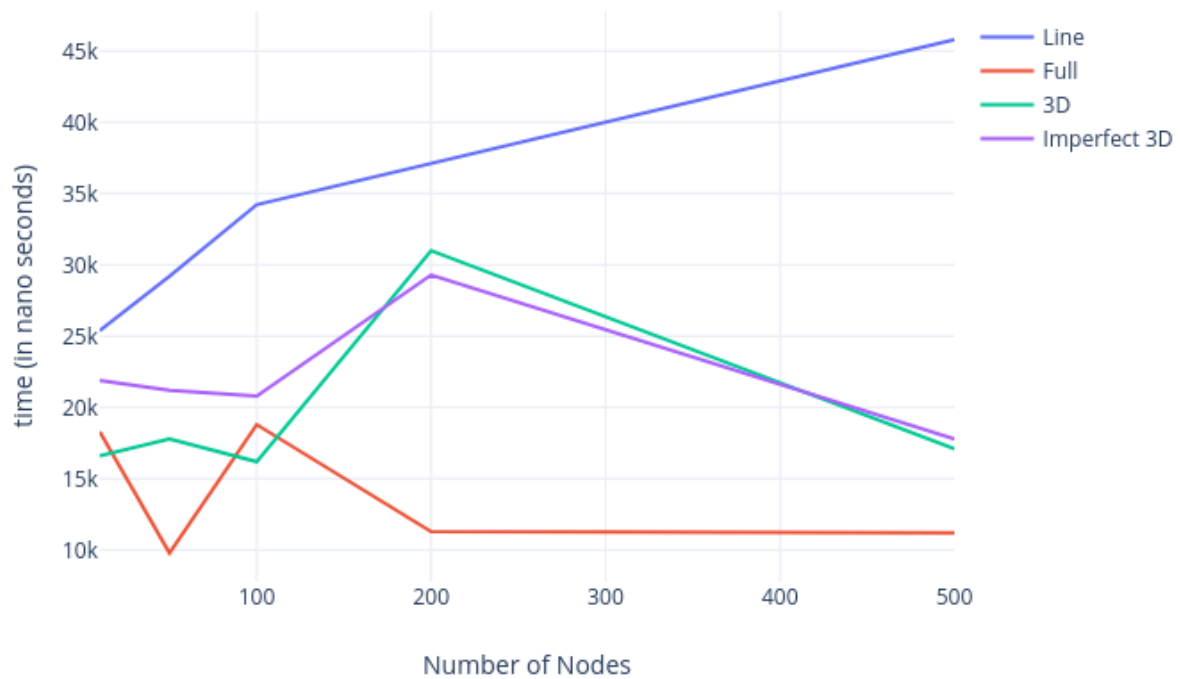
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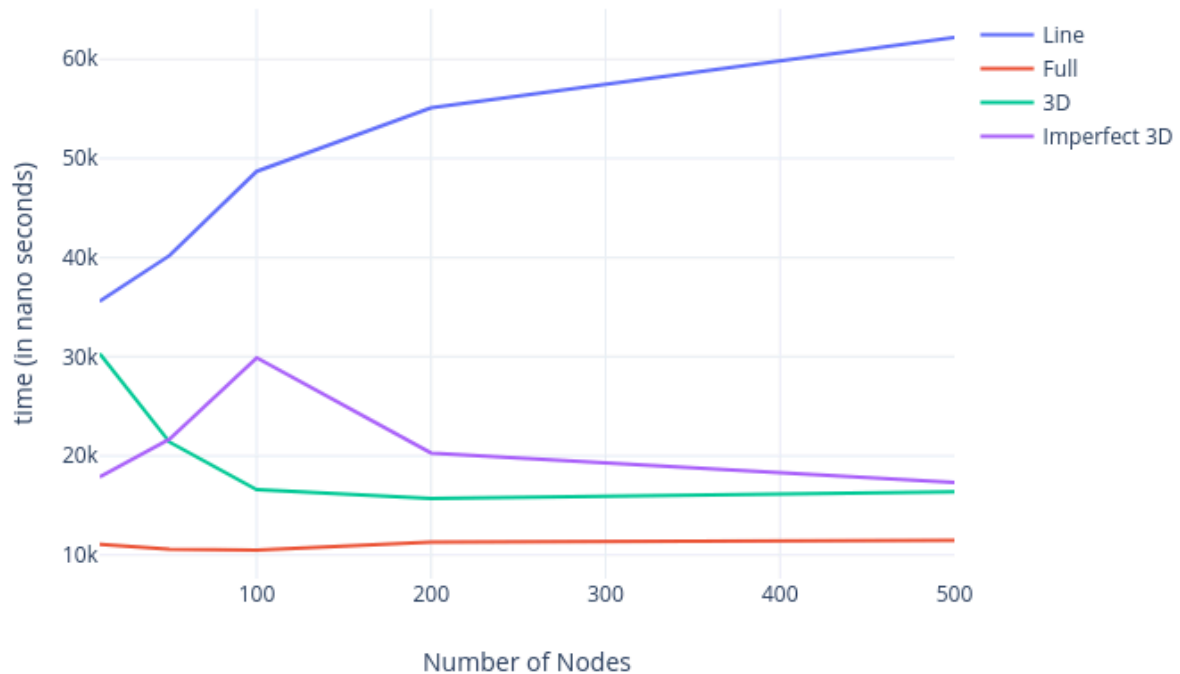
## Gossip Algorithm:

Gossip Algorithm



## Pushsum Algorithm

## Pushsum Algorithm



### Observation:

- The Line graph takes more time to converge as it has only 2 neighbors, so convergence takes time
- The Full network converges faster as it has the direct connections with other 'n-1' nodes.
- As expected, 3D and Imperfect 3D gives the performance between the above 2 as they can have a max of 6-7 neighbors.

**Overall, in order to achieve good performance the selection of ideal topology is very essential.**