**Abstract:**

If all the epidemic simulation files are considered as nodes in a graph connected by edges based on some threshold value. In this task 3a, such graph constructed from epidemic simulation files. Consider a random walker randomly visiting these nodes and the page rank of a node/simulation file is defined as the probability that the surfer finds himself on that node. Task 3b is aimed at identifying the top 'k' important nodes based on pagerank values. In Task 3c, personalized pagerank is considered.