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Proposal: Analyzing Internet network communication among computers

Objective: The objective of this project is to model and analyze an internet network where nodes represent computers and the communication between them represents the edges. This implementation helps us in studying communication patterns and communication routes.

Data collection: The dataset from the Kaggle or SNAP will be used in this project.

Data Cleaning: The data, then will be cleaned, processed and then extracted for implementation.

Algorithm analysis: To help us understand the efficiency of the communication routes, Dijkstra's algorithm will be used to find the shortest path between two computers. Any other algorithm, if used will be documented in the next submission.

Vertex/nodes: Computers are represented as nodes.

Edges: Communications are represented as edges.

Conclusion: In conclusion, this project aims to model and analyze an internet network to gain insights into communication patterns.