

===== Welcome to Netflix Analyzer =====

The files being analyzed are:

./src/movie_reviews.txt

./src/movie_titles.txt

There are 3 choices for defining adjacency:

[Option 1] u and v are adjacent if at least 3 users gave the same rating to the movie

[Option 2] u and v are adjacent if at least 3 users watched both movies (regardless of rating)

[Option 3] u is adjacent to v if at least 60.0% of the users that rated u gave the same rating to v

Choose an option to build the graph (1-3): 2

Creating graph...graph has been created.

[Option 1] Print out statistics about the graph

[Option 2] Display shortest path between two nodes

[Option 3] Quit

Choose an option (1-3): 1

Graph statistics:

|V| = 776 vertices

|E| = 45370 edges

Density = 0.150881277020286

Max. degree = 387

Diameter = 4 (from 1 to 434)

Avg. path length = 1.8064506501387825

[Option 1] Print out statistics about the graph

[Option 2] Display shortest path between two nodes

[Option 3] Quit

Choose an option (1-3): 2

Enter starting node (1-776): 1

Enter ending node (1-776): 434

Rangeela ==> Baazigar

Baazigar ==> American Beauty

American Beauty ==> X2: X-Men United

X2: X-Men United ==> Dinosaur Planet

[Option 1] Print out statistics about the graph

[Option 2] Display shortest path between two nodes

[Option 3] Quit

Choose an option (1-3): 2

Enter starting node (1-776): 61

Enter ending node (1-776): 62

There is no path from node 61 to node 62

[Option 1] Print out statistics about the graph

[Option 2] Display shortest path between two nodes

[Option 3] Quit

Choose an option (1-3): 3

Exiting...bye