When generating a visualization of the JSON data provided in the 'data.json' file, with the first 50 movies and the first 50 actors, the visualization in the normal form should look something like this:
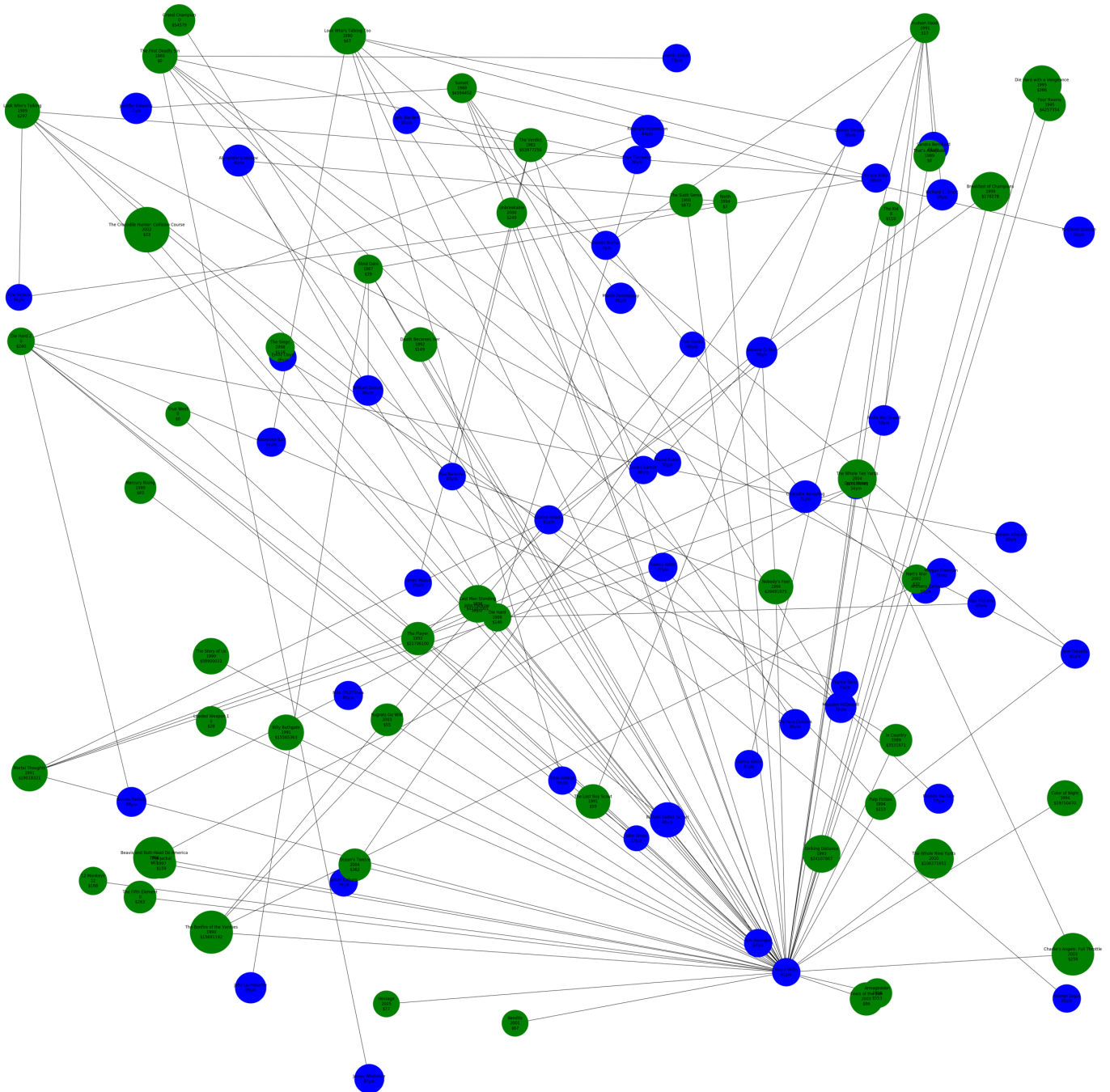
Note: There might be a few additional outliers with no connections in the produced image. Also, the exact shape of location of nodes may change every time this image is produced due to the way networkx works. Ensure that the nodes are readable and have the relevant information such as the name of the actor/movie, age of the actors and the year of release and box office collection of the movies. Also ensure that there are no edges between two nodes of the same color. Green nodes are movies while the blue nodes are actors.

This is what the graph will look like when generated with the random feature turned on:

As you can see, the nodes are easier to read, however the edges might be harder to follow. So, depending on the usage scenario, you can use either of these graphs for analysis.