

I used a Python script with the Faker library to generate the largeCourses.csv file. It randomly creates professor names and course codes using realistic-looking formats. I made sure to reuse some professor names across different courses to build more connections and make sure there are valid paths between some of them. The script also limits how many connections each professor has, so the graph doesn't get too dense or too sparse. I forced a few professors to share the same courses so that there's at least one short path to test. Overall, the graph is over 10,000 nodes and 100,000 edges, and it looks realistic while still running pathfinding fast enough.