My representation is a collection of edges. The advantage of my representation is that it's simple and easy to access. When accompanied by a list of nodes, it works perfectly fine. Perhaps, it's less efficient than the other methods this way. I could've used an adjacency list. It's advantage is how well it handles large data, given how it stores the representation. I also could've used an adjacency matrix. It's advantage would be efficiency when it comes to data retrieval/access. I chose the representation I did because it was the first idea that came to my mind, and the one I was most familiar with. Perhaps, that's not the best way to be making that decision, in hindsight.