

The goal of the recommender system is to choose a good school for a returning military vet. The specific case in this problem talks about Maria who has certain conditions for her dream school. We want to recommend the best school to take Maria to the next step of her life.

The program will have to be able to use these parameters given by the client to perform ideally a collaborative filtering approach but more data on other users may be needed for this. The goal is to recommend a good school for Maria but also hopefully build the system robust enough so that if those preferences change the system does not need to be manually changed. If a collaborative filtering method is infeasible I will look to a k-nearest-neighbors approach.

I will be presenting the best schools for Maria and hopefully others as well as the code and a paper of how I am able to come to my conclusions.