**Portfolio Milestone Option 1**

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In a TV show recommendation system search methods can be used to improve the accuracy and relevance of the recommendations. The search methods that I have considered using for this project include collaborative filtering, content-based filtering, and a hybrid of the two former methods (B.Thorat et al., 2015). Considering the lack of a large amount of users that will use this project, the collaborative method seems less feasible, due to the methods use of other users information to determine recommendations, since this one is less likely, the hybrid method will also be less effective. Which leads me to the content-based method, this one will provide recommendations based on similar attributes of shows, including genre, cast, and plot. To apply the content-based method to the project I will have to gather data on the shows, which include the attributes previously listed, to train the model.

**Reference**

B.Thorat, P., M. Goudar, R., & Barve, S. (2015). Survey on collaborative filtering, content-based filtering and hybrid recommendation system. *International Journal of Computer Applications*, *110*(4), 31–36. https://doi.org/10.5120/19308-0760