Jessica Li

05-499: Human AI Interaction

***Write-Up***

I plan on making a twitter bot which will respond to questions regarding anime recommendations. My bot will reply to certain commands given either as numeric or asking for a text response. It will first respond with to a tweet with a numeric value of one or two: one being a beginner anime watcher, two being more experienced. If one was given, then it would give you the basic recommendations based on the general public. If not, then it denotes to what the user would get from option number two: the bot will ask if there were any other animes the person has watched. If the answer was yes, then then the bot will ask for some information of those animes within that same tweet. The bot will then ultimately give a list of other recommendations of animes based on the taste profile the person has garnered. The bot remembers the user and continues to give recommendations that are based on the user every time the user tweets the same way when the person re-asks the bot about animes.

The dataset that the data comes from is inherently biased as it comes from a conglomeration of people all over the MyAnimeList user base. Its biases are from the various users of MyAnimeList, where the information was garnered from. Those people may have inclinations to certain genres and obviously have different tastes. I would say that the huge number of people the dataset comes from, though, allows for there to me less bias as it would be randomly conjured from so many people. The numerical bias would be removed because of the data size.

I would say that the people who would use my twitter bot would be beginner to moderate level anime watchers. Since the recommender system is not terribly up-to-date, which is from the choice of using a csv file as a dataset rather than using, hypothetically, API requests. Additionally, I feel that advanced anime watchers would be much more inclined to find the most recent animes and search through those as they have already gone through the histories of animes and have already watched all that they would have liked. This anime bot is definitely not for those people looking to see if the newest animes would suit their taste.

A twitter bot is also extremely practical because it is relatively fast and has a no-hassle responses system in place. Most people have their browsers or phones open to some sort of social media, and with that there is more of an inclusive and ease of access to ask a bot for a recommendation rather than going to a separate site to browse and/or open a new app just to ask for recommendations. So, it would change the lives of the users by ease. Also, it would just be a quick but meaningful way for them to get information rather than researching on their own. For the people who do not use the bot, I would say that it would not impact them as it is still a very niche device for a niche crowd.