School of Computing Science University of Glasgow

Ethics information: introduction scripts

Explaining Recommender Systems Level 4 Individual Project – 2019/2020 Quentin Deligny

"The aim of this project is to implement and evaluate a set of explanation techniques (including visualisations such as graphs) for recommender systems. The research will measure the impact of these explanation techniques on the understanding, satisfaction, trust and sense of forgiveness of the user towards the recommender system. To do so, you will be given the chance to provide a few ratings for different movies in order for the system to learn about your specific tastes. Using the acquired information, the system will provide you with different movie recommendations alongside various explanation methods. These metrics will be measured by gathering user preferences in movies and providing personalised recommendations from this data. The impact of the explanation techniques will be assessed using information gathered from the participants (in the form of an interview and a questionnaire).

Please feel free to ask any questions you may have during this experiment. Try to be as honest and accurate as possible with the information that you provide; Remember that the goal of this project is not to evaluate you or your tastes, but rather the performance of various explanation methods.

You are welcome to withdraw from the experiment at any time. Do you agree to taking part in this evaluation? Do you have any questions before we start?