

Information Sheet

Project Title: Explainable deep learning visualization

Principal Investigator: Eric D. Ragan

Introduction

You are invited to take part in a research study being conducted by a research team from the University of Florida. The information in this form is provided to help you decide whether or not to take part. If you decide you do not want to participate, there will be no penalty to you, and you will not lose any benefits you normally would have.

Why Is This Study Being Done?

The purpose of this study how well different interface designs and models explain data analytics systems used for data analysis.

Why Am I Being Asked To Be In This Study?

Participants are needed to help us learn about data analysis software and interfaces. You are being asked to be in this study because you expressed interest in participation after this study was advertised in your class, through your professor, and SONA or Canvas system.

What Will I Be Asked To Do In This Study?

The duration of this study is up to one hour. You will be asked to complete a background questionnaire about yourself. We will then explain a data analysis activity and demonstrate how to use the analysis software. Next, you will conduct a data analysis session and we will collect the results of your analysis. Lastly, we will ask questions about your approach and experience in a questionnaire.

Are There Any Risks To Me?

The risks associated with this study are minimal, and are not greater than risks ordinarily encountered with daily computer use. You do not have to answer anything you do not want to, and you can stop at any time without penalty. The recorded results of your use with the software during the analysis activity will be saved and made publicly available online, but this data will not include any of your personal information. No photos, audio recordings, or video recordings of you will be collected or shared.

Will There Be Any Costs To Me?

Aside from your time; there are no costs for taking part in the study.

Are there any benefits for participating in the study?

Yes. You will receive up to 2 extra credit points in your class that the research was advertised in. Other than this, there are no benefits for this study.

What about confidentiality of your data?

Information about you will be kept confidential and not shared with others. Only the approved members of the research team will have access to the information collected during your participation. Your participation will be confidential to the extent provided by law and no personal information such as your name or your IP address will be associated with the collected data, which will be anonymous. There is a minimal risk that security of any online data may be breached, but our survey host (QUALTRICS) uses strong encryption and other data security methods to protect your information. Only the researchers will have access to your information on the Qualtrics server. No identifying information will be collected or connected with your responses, which will be anonymous.

Whom do I contact with questions about the research?

If you have questions regarding this study, you may contact the Principal Investigator (PI) of the study, Eric Ragan (eragan@ufl.edu) or the co-investigator of the study, Mahsan Nourani (mahsannourani@ufl.edu).

Whom do I contact about my rights as a research participant?

For questions regarding your rights as a research participant or if you have any questions, complaints, or concerns about the research, you may visit <http://irb.ufl.edu/participantinfo.html> or contact IRB office at 352-392-0433.

Consent

Please be sure you have read and understand the information on this sheet. By clicking continue, you are indicating that you are at least 18 years of age and you consent to participate in this study and have collected data used for research purposes.