

Consent to Participate

Title of Research Study: Visualization Design Study

Investigator: Dr. Marti Hearst

Supported By: This research is supported in part by gift funding from the Allen Institute for AI (AI2).

Key Information:

You are being invited to participate in a research study. In order to participate in this study, you must be a visualization designer based in the United States and be fluent in English. Participation in research is completely voluntary. The purpose of this study is to better understand how visualization designers use language in their design processes, and how designers create the language to add to their visualization. The term "visualization" here refers to a visual representation of information or data. The study consists of two parts. The first part is a survey, which will take approximately 5 minutes to complete. The second part is a 60-minute interview about your design processes. Risks and/or discomforts are no more than what you would encounter in daily life. There is no direct benefit to you. You will be compensated with at \$30 Amazon gift card after completing the interview. The results of the study may provide insight to visualization designers and researchers around better design and use of charts.

Introduction

We are asking you to take part in this research study because you are a visualization designer based in the United States and are fluent in English.

Purpose

The purpose of this study is to better understand the visualization design process, including the role of collaboration, language, and specific frameworks. Around 30-40 people will take part in this study.

Procedures

If you agree to be in this study and are selected for participation, you may be asked to do the following.

- Answer a few questions pertaining to your role as a visualization designer
- Provide minimal demographic information
- Complete a 60-minute interview about your design process

Benefits

There is no direct benefit to you. The results of the study may provide insight to visualization designers and researchers around better design and use of charts.

Risks/Discomforts

Risks and/or discomforts are no more than what you would encounter in daily life.

- **Breach of confidentiality:** As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk.

Confidentiality

Your study data will be handled as confidentially as possible. If results of this study are published or presented, individual names and other personally identifiable information will not be used.

To minimize the risks to confidentiality, we will not collect any personally identifiable information. Responses to the survey will be stored on personnel's password-protected computers, and in secure online storage provided by UC Berkeley's collaboration with Box. Anonymized data may be published in open-access databases for other researchers to access and analyze. *No personal or identifiable information will be published here.*

Authorized representatives from the University of California may review your research data for purposes such as monitoring or managing the conduct of this study:

Retaining research records: When the research is completed, the study information will be retained for up to four years after the study is over. The same measures described above will be taken to protect confidentiality of this study data.

Compensation

In return for your time and effort, you will be provided a \$30 Amazon gift card for taking part in this study. Payment will be provided after completing the interview.

Rights

Participation in research is completely voluntary. You have the right to decline to participate or to withdraw at any point in this study without penalty or loss of benefits to which you are otherwise entitled.

Questions

If you have any questions or concerns about this study, you may contact the research team at hearstlabcs@gmail.com. If you have any questions or concerns about your rights and treatment as a research subject, you may contact the office of UC Berkeley's Committee for the Protection of Human Subjects, at 510-642-7461 or subjects@berkeley.edu. The CPHS protocol ID number is 2023-09-16747.