

## Introduction

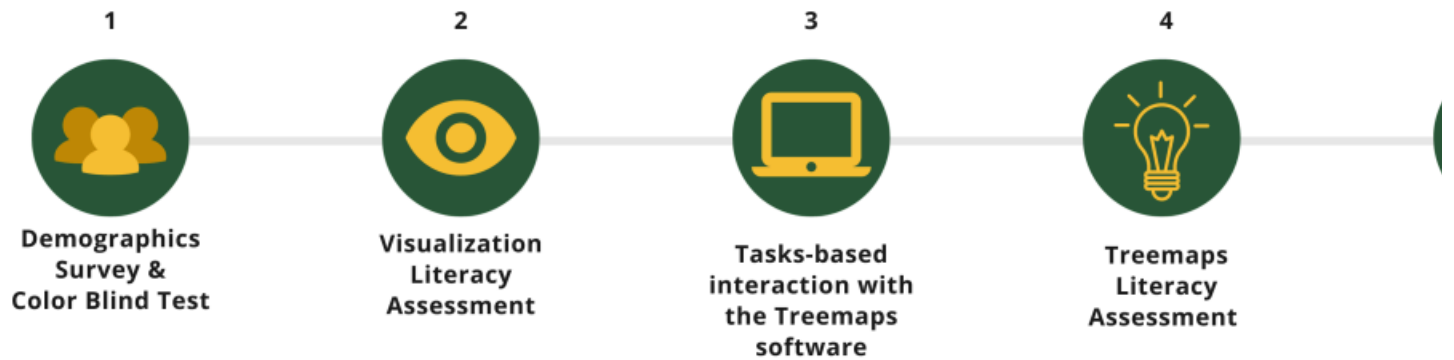
### Welcome to the Treemaps Literacy project!

In this project, we will introduce you to a new data representation technique called Treemaps. In the next few minutes, you will learn about Treemaps by interacting with a novel tool that was built in our research lab at the University of San Francisco.

### Process:

The following diagram shows you an overview of the entire process.

1. We will start with a demographics survey and a color blindness test.
2. That will be followed by a Visualization Literacy Assessment to identify which kinds of charts you have experience with.
3. The third step is to interact with the novel software by exploring some data and answering a few questions.
4. In the fourth step, we will assess your understanding of Treemaps using the Treemaps Literacy Assessment.
5. Lastly, we will ask you for feedback on the process through a short interview.



Please feel free to ask us any questions about throughout the process.

Enter your participant ID here

## Demographics

What is your age?

How would you describe yourself? (Male/Female/Other)

Please indicate your highest level of education

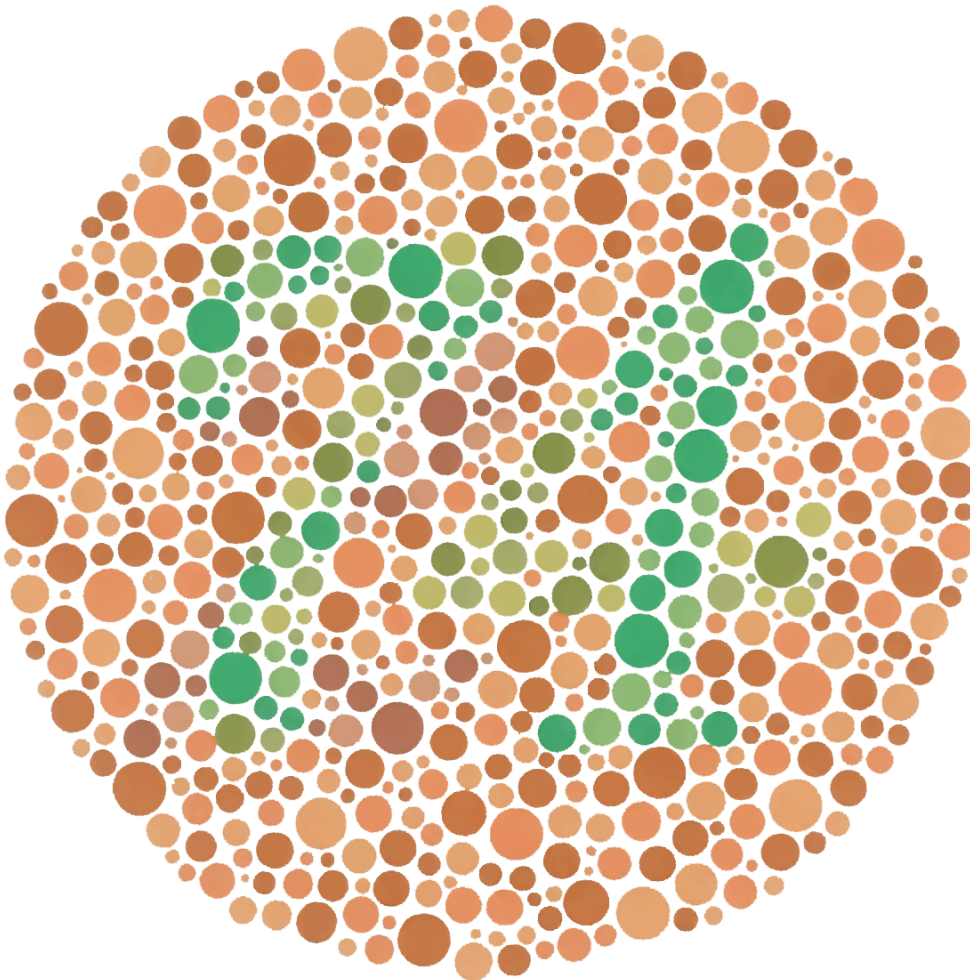
- ☐ No Degree
- ☐ High School Degree or GED
- ☐ 2-Year College

- ☐ 4-Year College
- ☐ Graduate Degree

Do you have a background in data visualization?

- ☐ Yes
- ☐ Maybe
- ☐ No

Please select the number you see in the following figure.



21  
☐

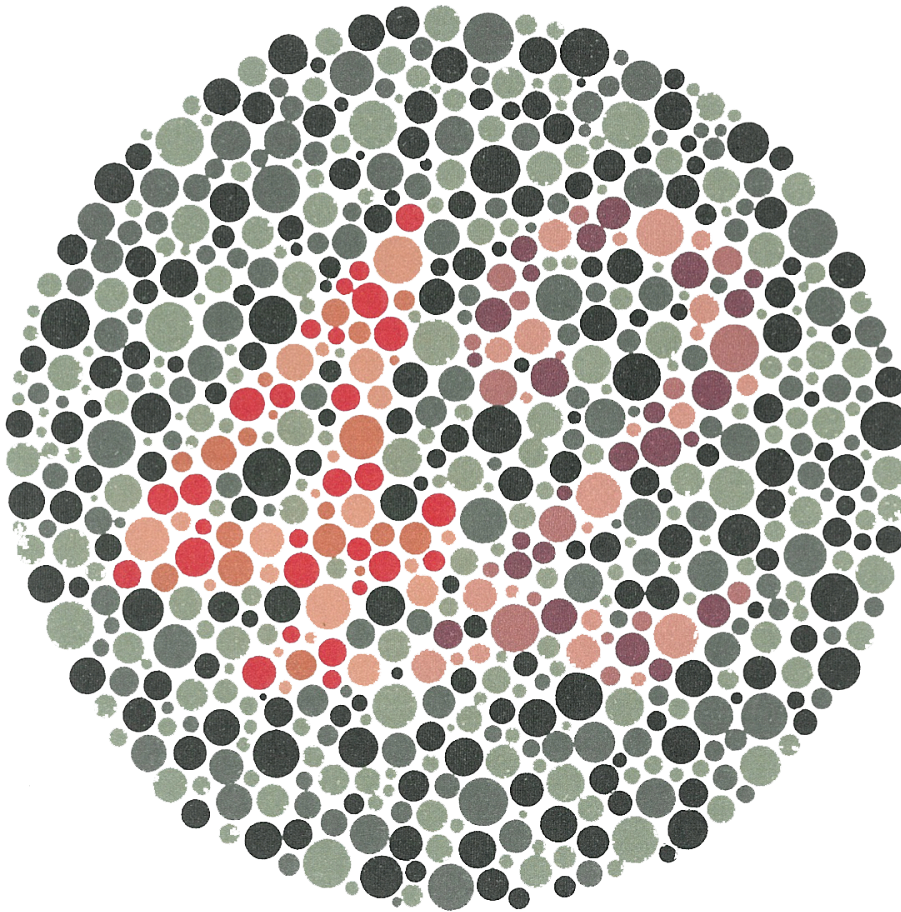
24  
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71  
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121  
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49  
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22  
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42  
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47  
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### Mini VLAT

### Mini VLAT

The following assessment is a short practical visualization literacy test.

Instructions:

1. Keep this tab open since you will have to return here to continue the survey.
2. There are a total of 15 questions.

3. Do not spend more than 25 - 30 seconds on each questions.

**You will find a phrase code at the end of the survey. Make sure to copy it.**

Access the test [here](#) and return back to this survey once you complete it.

**Please enter the code you found at the end of the Mini VLAT:**

## Main test - Treemaps Questions

### Treemaps Test

In this assessment, you will be answering 4 sets of questions based on different datasets.

Instructions:

1. The assessment consists of 16 questions.
2. Keep this tab open since you will have to return here to continue the survey.

**You will find a phrase code at the end of the survey. Make sure to copy it.**

Please use the test link corresponding to your participant ID, starting with a 8 or 9.

- **If your ID starts with a 8**, for example, 8001, 8101, etc., use this [link](#).
- **If your ID starts with a 9**, for example, 9001, 9101, etc., use this [link](#).

**Please enter the code you found at the end of the Treemap Survey:**

## Post Test

### Post Test

In this assessment, you will be answering some general questions involving treemaps

Instructions:

1. The assessment consists of 25 questions.
2. Keep this tab open since you will have to return here to continue the survey.

**You will find a phrase code at the end of the survey. Make sure to copy it.**

Access the survey [here](#) and return back to this survey once you complete it.

**Please enter the code you found at the end of the Post Test Survey:**

## Final Interview

### Concluding Interview

To wrap up this study, please answer some final interview questions [here](#) and provide some qualitative feedback!

**You will find a phrase code at the end of the survey. Make sure to copy it.**

**Please enter the code you found at the end of the Interview Survey:**