

Informed Consent

Research Study: Insights of Usage and Issues with Text Generative Models and Tools

Purpose of the Study

In this study, we aim to examine how both academia and industry currently utilize text-generation models in their daily operations. Our goal is to explore your insights into the weaknesses inherent in these models and potentially contribute to finding solutions through our research efforts. Your input is very valuable to our research group and will help us to gain valuable perspectives on the challenges faced in text generation and to understand the importance of the phenomenon called 'hallucinations' in text generation models.

Procedures

The survey will ask you about your experiences of using AI generative tools followed by your perception of their weakness. It will take 10 minutes to finish. The study is IRB-approved.

Potential Risks and Discomforts

There is minimal risk to you if you participate in the study. During the process of taking the survey, if you experience any discomfort you can choose to drop out of the survey.

Confidentiality

You will not be asked for any information that may link your identity to your survey responses. Any potential loss of confidentiality will be minimized by collecting the data via an online survey provider and stored in the survey provider's database, which is only accessible with a password. Once the information is downloaded from the online survey provider, it will be stored in a password-protected laptop computer. Permission will only be given to the investigators to access the data. Any reports based on the survey information will only present the results in aggregate form (e.g., group averages). Individual survey responses will never be reported.

You must be 18 years of age or older to participate. If you are not 18 or older, please do not agree to participate. Your decision to be in this research is voluntary. Please be assured you do not have to participate unless you wish to do so.

Thank you for your help and support!

Cheers!

Please provide your consent: I consent to participate in the research study and I agree that my age is more than 18 years. I comprehend the study's purpose and its nature, and I am participating voluntarily. I am aware that I have the option to withdraw from the study at any time, without incurring any penalties or consequences.

☐ Yes

How did you receive the survey?

☐ Social Media Post

☐ Direct Email

☐ Direct Message

☐ Other

Sector Inference

What is your current country of residence?

What sector do you associate with?

- ☐ Academia (Please mention your position, like : "Assistant prof" or "Graduate student")

- ☐ Industry (Please mention your position)

- ☐ Other

What is your field of expertise?

Usage Analysis

Does your research work directly involve studying or developing Artificial Intelligence (AI)?

- ☐ Yes

☐ No

How often do you use Text generation models (like ChatGPT/Gemini)?

All the time ☐ Several times an hour ☐ Once an hour ☐ Several times a day ☐ Once a day ☐ Several times a week ☐ Once a week ☐ Several times a month ☐ Once a month ☐ Never ☐

Which text generation models have you used, if any?

Weakness Query

What weaknesses do you perceive in the models that you have used? (if any)

Are you familiar with the concept of 'hallucinations' in AI-generated text?

Extremely
familiar



Very familiar



Moderately
familiar



Slightly familiar



Not at all
familiar



What, according to you, is 'hallucination' in generative AI models?

Do you consider 'hallucinations' to be a weakness when using these models?

☐ Yes

☐ No

How frequently do you encounter that text generation models produce 'hallucinated' content that is factually incorrect or unrelated to the input?

Very frequently



Frequently



Occasionally



Rarely



Never



Hallucination Input

If you have an alternate term in mind to describe the phenomenon instead of 'hallucination' (e.g., fabrications, confabulations, etc.), kindly specify it along with an explanation.

(Mention NA if none)

Can you provide an example where a hallucination in text generation had or can have an impact on your work?

(Mention NA if None)

Do you have any additional comments or insights regarding the hallucination? (if any)

Block 6

Thank you for your participation! As a token of appreciation for your time, you are now eligible to enter our reward draw.

To enter the draw for a \$20 Amazon Gift Card, please provide your email ID in the form below. Your email ID will be collected solely for the purpose of notifying the winners and will not be used for any other purpose. Five fortunate participants will be randomly selected from the survey to receive this prize.

Exit Participation