

Graduate School of Medicine, Akita University
Entrance Examination (Doctoral Course)
(Second time)

Essay

12:40~14:10

December 19, 2024

You have three QUESTION SHEETs and two ANSWER SHEETs.
Write all your answers on your ANSWER SHEETs.

Submit only your ANSWER SHEETs.

Do not open the questions until the supervisor gives instructions.

I Read the following article and answer the questions in English.

(Text omitted)

(Text omitted)

(Text omitted)

<Elizabeth Gibney, Has your paper been used to train an AI model? Almost certainly, Nature 632, 715-716 (2024), modified from the original article>

- Q1 Describe the potential problems for academic publishers selling access to research papers to technology firms in 50 words or less.
- Q2 Answer the job titles that fall under A and B in the text.
- Q3 Large language model (LLM) are also controversial for their use in research. Clarify your position in favor of or against the use of LLM in writing research papers and state your own thoughts in 90 words or less.

Applicant Number		Name	
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Essay (Doctoral Course) : Answer Sheet

1/2

I

Q1 Describe the potential problems for academic publishers selling access to research papers to technology firms in 50 words or less.

Q2 Answer the job titles that fall under A and B in the text.

A. _____

B. _____

Applicant Number		Name	
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Essay (Doctoral Course) : Answer Sheet

2/2

I

Q3 Large language model (LLM) are also controversial for their use in research. Clarify your position in favor of or against the use of LLM in writing research papers and state your own thoughts in 90 words or less.

Q1 Describe the potential problems for academic publishers selling access to research papers to technology firms in 50 words or less.

Research papers are being used for commercial purposes without the authors' consent. In addition, researchers are not informed that their papers are being used to train AI models, and it is unclear how profits will be distributed. This may cause copyright infringement problems.

Q2 Answer the job titles that fall under A and B in the text.

A: Artists

B: Writers

Q3 Large language model (LLM) are also controversial for their use in research. Clarify your position in favor of or against the use of LLM in writing research papers and state your own thoughts in 90 words or less.

Position in favor of LLM

I am in favor of the use of large language model (LLM) for writing research papers; LLM are evolving and are beneficial to researchers because they can efficiently generate good sentences, images, and so on. On the other hand, the use of LLM should be accompanied by caution, as they may lead to unintentional copyright infringement and the use of misinformation. Understanding these drawbacks of LLM and using it appropriately in writing papers will greatly contribute to the development of research.

Position in opposition of LLM

I am against the use of large language model (LLM) for writing research papers; LLM are evolving and can efficiently generate good sentences, images, etc. On the one hand, they can lead to unintentional copyright infringement and misuse of information. On the other hand, they can lead to unintentional copyright infringement and misinformation. At present, there are no general standards for the use of LLM. Therefore, deviation from the guidelines set by the journal to which the paper is submitted may lead to research misconduct.