

Questionnaire on Artificial Intelligence Literacy of Nursing Students in Northeast China

Dear Student

With the rapid development of the field of artificial intelligence (AI), various AI products are gradually appearing in our daily lives. The ability to understand the basic technologies and concepts behind different AI products and services is known as AI literacy. Would you like to know your level of AI literacy? Here is a questionnaire related to AI literacy. Please read carefully and select the option that best fits your experience. Answer all questions and click submit. After submission, you will have a chance to receive a cash reward. Thank you for your cooperation! Wishing you success in your studies!

I have carefully read the informed consent form and voluntarily agree to participate in this study: ☐ Yes ☐ No

1. Your gender is: ☐ Male ☐ Female
2. Your age is: _____
3. Your academic year is: ☐ Freshman ☐ Sophomore ☐ Junior
4. Place of origin: ☐ Rural ☐ Urban
5. Ethnicity: ☐ Han ☐ Other
6. Are you an only child? ☐ Yes ☐ No
7. Parental education level:
 - ☐ Both primary school or below
 - ☐ At least one parent: junior high/high school
 - ☐ At least one parent: college/undergraduate
 - ☐ Both undergraduate or above
8. Average monthly household income:
 - ☐ < ¥5,000
 - ☐ ¥5,000 – ¥10,000
 - ☐ > ¥10,000
9. Your attitude towards AI: ☐ Positive ☐ Neutral ☐ Negative
10. Have you previously received AI-related education or training? ☐ Yes ☐ No
11. Below is a set of statements regarding AI literacy. There are no right or wrong answers. Please respond based on your actual experience.

Item	Strongly Disagree	Disagree	Somewhat Disagree	Uncertain	Somewhat Agree	Agree	Strongly Agree
I understand that AI has limitations in handling certain complex tasks.	1	2	3	4	5	6	7
I know that AI may generate factually inaccurate information.	1	2	3	4	5	6	7
I know that AI-generated content may exhibit bias and unfairness.	1	2	3	4	5	6	7
I am proficient in using AI to complete daily tasks.	1	2	3	4	5	6	7
I can leverage AI to improve work efficiency.	1	2	3	4	5	6	7
I can select appropriate AI tools to solve problems.	1	2	3	4	5	6	7
I can use AI independently.	1	2	3	4	5	6	7

I can utilize AI to find needed information or content.	1	2	3	4	5	6	7
If I am curious about AI-generated suggestions, I will search for additional relevant information.	1	2	3	4	5	6	7
I clearly know how to verify the credibility of AI-generated content.	1	2	3	4	5	6	7
After using an AI product for a period, I can evaluate its capabilities and limitations.	1	2	3	4	5	6	7
I believe AI is very important in my life.	1	2	3	4	5	6	7
I believe AI can enhance learning and work efficiency.	1	2	3	4	5	6	7
I believe AI can provide me with unique insights and perspectives.	1	2	3	4	5	6	7
I think everyone needs AI products.	1	2	3	4	5	6	7
I am confident in learning and using AI products.	1	2	3	4	5	6	7
I find it relatively easy to learn to use new AI products.	1	2	3	4	5	6	7
When using AI products, I always adhere to ethical principles.	1	2	3	4	5	6	7
When using AI-based big data, I consider whether the information obtained is legal or reliable.	1	2	3	4	5	6	7
When receiving AI suggestions, I know I am responsible for the decision to adopt them.	1	2	3	4	5	6	7
When using AI, I consider privacy and information security issues.	1	2	3	4	5	6	7
I am always vigilant about the misuse of AI.	1	2	3	4	5	6	7
I believe AI ethics are important for the development and use of AI.	1	2	3	4	5	6	7
I believe AI systems should respect privacy.	1	2	3	4	5	6	7
I believe AI systems should comply with ethical and legal standards.	1	2	3	4	5	6	7