

Artificial intelligence literacy scale*

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The artificial intelligence (AI) literacy scale includes 12 items. You are asked to respond using a 7-point Likert scale, where 1 represents "strongly disagree" and 7 represents "strongly agree." Please note that for some questions, the scale is reversed.

1. I can distinguish between smart devices and non-smart devices.

strongly disagree (1 2 3 4 5 6 7) strongly agree

2. I do not know how AI technology can help me.

strongly disagree (1 2 3 4 5 6 7) strongly agree

3. I can identify the AI technology employed in the applications and products I use.

strongly disagree (1 2 3 4 5 6 7) strongly agree

4. I can skillfully use AI applications or products to help me with my daily work.

strongly disagree (1 2 3 4 5 6 7) strongly agree

5. It is usually hard for me to learn to use a new AI application or product.

strongly disagree (1 2 3 4 5 6 7) strongly agree

6. I can use AI applications or products to improve my work efficiency.

strongly disagree (1 2 3 4 5 6 7) strongly agree

7. I can evaluate the capabilities and limitations of an AI application or product after using it for a while.

strongly disagree (1 2 3 4 5 6 7) strongly agree

8. I can choose a proper solution from various solutions provided by a smart agent.

strongly disagree (1 2 3 4 5 6 7) strongly agree

9. I can choose the most appropriate AI application or product from a variety for a particular task.

strongly disagree (1 2 3 4 5 6 7) strongly agree

10. I always comply with ethical principles when using AI applications or products.

strongly disagree (1 2 3 4 5 6 7) strongly agree

11. I am never alert to privacy and information security issues when using AI applications or products.

strongly disagree (1 2 3 4 5 6 7) strongly agree

12. I am always alert to the abuse of AI technology.

strongly disagree (1 2 3 4 5 6 7) strongly agree

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