Questionnaire 1: General Information and Prior Experience

Full name

General familiarity with technology and digital tools

"Select your experience level",

"Very experienced",

"Moderately experienced",

"Beginner",

"Not experienced at all",

How do you usually find information when researching a topic?

"Search engines (e.g., Google, Bing)",

"Online databases (e.g., Google Scholar, academic journals)",

"AI chat interfaces (e.g., ChatGPT, Siri, etc.)",

"Social media platforms (e.g., Facebook, Twitter, Reddit)",

"Asking friends, colleagues, or family members",

"Books or printed materials",

"Online forums or communities (e.g., Quora, StackExchange)",

"Other ",

Prior experience with AI systems in professional or academic settings

"Yes, regularly",

"Yes, occasionally",

"No"

Have you ever used an AI chat interface (e.g., ChatGPT, Siri, or other virtual assistants)?

"Yes", "No"

If you answered 'Yes' to the previous question, how frequently do you use AI chat interfaces?",

“Daily", "Weekly", "Monthly", "Rarely"

How would you rate your overall experience using AI chat interfaces?

"Select your satisfaction level",

"Very Satisfied",

"Satisfied",

"Neutral",

"Dissatisfied",

"Very Dissatisfied",

"Can you explain why you chose your answer to the previous question?"

QUIZ questions

1. Which scientist is credited with the discovery of the neutron?

["A. James Chadwick", "B. Ernest Rutherford"],

2. Who led the Athenian navy at the Battle of Salamis?

["A. Pericles", "B. Themistocles"],

3. Which country has the most time zones (including overseas territories)?

["A. Russia", "B. France"],

4. Who wrote \*The Master and Margarita\*, a novel banned in the Soviet Union for decades?

["A. Boris Pasternak", "B. Mikhail Bulgakov"],

5. The Peloponnesian War was primarily fought between which two Greek city-states?

["A. Athens and Corinth", "B. Athens and Sparta"],

6. Which artist is considered a major figure in the Blue Rider movement (Der Blaue Reiter)?

["A. Gustav Klimt", "B. Wassily Kandinsky"],

7. According to John Locke, what are the three natural rights?

["A. Liberty, Equality, Brotherhood", "B. Life, Liberty, Property"],

**Suggested questions**

"Which scientist is credited with the discovery of the neutron?",

"Who led the Athenian navy at the Battle of Salamis?",

"Which country has the most time zones (including overseas territories)?",

"Who wrote \*The Master and Margarita\*, a novel banned in the Soviet Union for decades?",

"The Peloponnesian War was primarily fought between which two Greek city-states?",

"Which artist is considered a major figure in the Blue Rider movement (Der Blaue Reiter)?",

"According to John Locke, what are the three natural rights?",

"Who was James Chadwick?",

"Who was Ernest Rutherford?",

"Who was Pericles?",

"Who was Themistocles?",

"Russia timezones",

"France timezones",

"Who was Boris Pasternak?",

"Who was Mikhail Bulgakov?",

"Athens and Corinth",

"Athens and Sparta",

"Who was Wassily Kandinsky?",

"Who was Gustav Klimt?",

"Liberty, Equality, Brotherhood",

"Life, Liberty, Property",

Pop quiz

"The chatbot made a mistake in source attribution (select the questions where this happened):",

"Q1(neutron)", "Q2(Battle of Salamis)", "Q3(most time zones)", "Q4(The Master and Margarita)", "Q5(city-states)", "Q6(Blue Rider)", "Q7(three natural rights)"

"The chatbot highlighted correct information in red (select the questions where this happened):"

"Q1(neutron)", "Q2(Battle of Salamis)", "Q3(most time zones)", "Q4(The Master and Margarita)", "Q5(city-states)", "Q6(Blue Rider)", "Q7(three natural rights)"

"The chatbot highlighted incorrect information in green (select the questions where this happened):",

"Q1(neutron)", "Q2(Battle of Salamis)", "Q3(most time zones)", "Q4(The Master and Margarita)", "Q5(city-states)", "Q6(Blue Rider)", "Q7(three natural rights)"

"The chatbot gave a wrong credibility score to some sources (select applicable questions):",

"Q1(neutron)", "Q2(Battle of Salamis)", "Q3(most time zones)", "Q4(The Master and Margarita)", "Q5(city-states)", "Q6(Blue Rider)", "Q7(three natural rights)"

"Some misinformation was present in unhighlighted text (select the questions where this applies):",

"Q1(neutron)", "Q2(Battle of Salamis)", "Q3(most time zones)", "Q4(The Master and Margarita)", "Q5(city-states)", "Q6(Blue Rider)", "Q7(three natural rights)"

Post-Study Survey: AI Chat Interface Experience

I found it easy to use the AI chat interface during the study

"Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"

The AI chat interface provided clear responses to my questions

"Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree”

Highlighted information helped me understand the information better

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

The system helped me critically evaluate the information.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

I noticed errors or inconsistencies in the sources or content presented.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

I clicked on the sources to verify their credibility.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

I asked follow-up questions or challenged the AI’s answers.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

I had a positive overall experience using the system.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

This tool would be useful in academic or classroom settings.

["Strongly agree", "Agree", "Neutral", "Disagree", "Strongly disagree"],

"What did you like most about the system?"

"What would you improve or change?

“What would help you engage more critically with the information"