Workshop Schedule

Duration: 3 hours

45 min — **Opening Presentation + Ice Breaker**

– Overview of the workshop purpose and expectations

– 10 min – Intro Survey:

- Name and pronouns?
- How does your work involve AI?
- What concerns you most about using AI in your research?
- What excites you most about using AI in your research?

– 20 min – Group Introduction:

- When/How do you think your beliefs about AI first took shape?
- What's one time when your beliefs about AI were challenged?

– Briefly present the current state of AI, its problems, and use in research

– Discuss research objectives and introduce the principles

– Use 1 case studies to exemplify the principles

Round 1 / Round 2

75 min — **Small Group Activity (Currently Used Principle)**

For the remainder of the workshop, reflect on a current or existing project. Work in small groups, with one person thinking aloud through this section and others responding. Rotate until all partners have gone.

Post-workshop note: Groups worked at different speeds. Most groups began and nearly completed round 2.

25 min — **Group Discussion (Round 1 Reflection)**

Objective - understanding where their thinking shifted and tradeoffs

25 min — **Round 3 / Group Discussion**

Objective - collectively talk through toolkit limitations and any concepts they are still questioning.

10 min — **Exit Survey**

Worksheet

Name:_____

Partners: _____

For this activity, reflect on either an existing project that you're working on involving AI or a prospective project involving AI.

Only if you do not currently have any projects involving AI or plans to use AI in any upcoming projects, reflect on a project in which you use AI in any assistive capacity (coding, writing, brainstorming, etc.)

Briefly describe your project. _____

_____

_____

_____

_____

_____

How did you become interested in this project? _____

_____

_____

_____

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_____

How is AI currently involved in your project? _____

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_____

Pause here. Once your partners have answered the questions above, select one person to complete the next section (Round 1). This person should first begin by explaining their project to the group. They will then answer each question while thinking aloud, explaining their reasoning and thought process.

The other partners should listen, ask questions, and provide suggestions along the way.

After the first person completes the section, select a different partner to complete the following section using the same think-aloud process. Continue rotating until each partner has had a turn.

Round 1

The card deck is currently separated by card type (Principles, Strategies, and Nuance cards). Pick up the **Principle card deck** (the leftmost stack) and leave the remaining stacks untouched. Take a moment to flip through the cards and choose **one** principle you are already using or planning to use in your project.

Which principle did you choose? _____

What strategies are you using to tackle this principle?_____

_____

_____

_____

_____

In terms of reaching this principle, where do you think you fall short?_____

_____

_____

_____

Pick up the **Strategy card deck** (the middle stack) and pull out the **two** Strategy cards that correspond to your principle. Take a moment to read the strategies. Feel free to scan the QR code to learn more about projects that implement this tactic, if helpful.

Do these strategies apply to your work? If so, how might you implement them?

What barriers are restricting you from fully implementing this principle or these strategies?

Consider the definition on the **Principle card** and the examples on the **Strategy cards**. What do you think is missing here? What is being oversimplified? What else should be considered when approaching this principle?

_____

Pick up the **Nuance card deck** (the rightmost stack) and find the **one** Nuance card that corresponds to your principle. Read the card together and discuss: How do these considerations add to, challenge, or complicate your discussion of the principle?

_____

_____

_____

_____

Pause here. Return each card to its respective deck. Select a different partner to complete the previous section (Round 1) using the same think-aloud process.

Once all partners have completed the above section (Round 1), repeat the same process for the following section (Round 2).

Round 2

Flip through the **Principle cards** and choose **one** principle that you are not currently using but feel may be beneficial for your project.

Which principle did you choose? _____

Why haven't you implemented this principle already?_____

_____

_____

_____

_____

What strategies might you use to tackle this principle?_____

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_____

_____

_____

Pick up the **Strategy card deck** (the middle stack) and pull out the **two** Strategy cards that correspond to your principle. Take a moment to read the strategies. Feel free to scan the QR code to learn more about projects that implement this tactic, if helpful.

Do these strategies apply to your work? If so, how might you implement them?_____

_____

_____

_____

_____

What barriers are restricting you from fully implementing this principle or these strategies?

_____

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_____

What can you do without more resources and authority? _____

_____

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_____

Consider the definition on the **Principle card** and the examples on the **Strategy cards**. What do you think is missing here? What is being oversimplified? What else should be considered when approaching this principle?

Pick up the **Nuance card deck** (the rightmost stack) and find the **one** Nuance card that corresponds to your principle. Read the card together and discuss: How do these considerations add to, challenge, or complicate your discussion of the principle?

Pause here. Return each card to its respective deck. Select a different partner to complete the previous section (Round 2) using the same think-aloud process.

Round 3

Flip through the **Principle cards** and select **one** principle you:

- Don’t immediately see as relevant or applicable to your research.
- Find difficult to understand or translate into practice.
- Think would be difficult or unrealistic to implement.
- Aren’t sure you agree with.
- Want to better understand.

Which principle did you choose, and why? _____

_____

_____

_____

_____

Pause here. Let’s discuss as a group.