**Instructor Guide: Data Source Evaluation Exercise**

**Objective:** To facilitate the "Data Source Evaluation Exercise" for participants to practice evaluating data sources for reliability and relevance in the context of data literacy.

**Duration:** 30-45 minutes

**Materials Needed:**

* Whiteboard or flip chart (optional)
* Markers
* Handout with exercise instructions
* Internet access (for research)

**Preparation:**

1. Prepare the handout with exercise instructions.
2. Ensure that participants have access to the handout and any necessary materials for the exercise.
3. Set up a space conducive to group discussions and presentations.

**Facilitation Steps:**

**Step 1: Introduction (5 minutes)**

* Welcome participants to the exercise.
* Use Slide 1 with the title "Data Source Evaluation Exercise" and the subtitle "Developing Data Literacy Skills."
* Explain the exercise's objective: to help participants practice evaluating data sources for reliability and relevance, an essential aspect of data literacy.
* Mention the approximate duration of the exercise (30-45 minutes).

**Step 2: Group Formation (5 minutes)**

* Divide participants into small groups of 3-4 individuals each.
* Instruct each group to choose a spokesperson.

**Step 3: Exercise (15-20 minutes)**

* Ask groups to follow the exercise instructions outlined in the handout.
* Encourage participants to collaborate and engage actively in evaluating data sources.

**Step 4: Group Presentations (5-10 minutes)**

* After completing the exercise, ask each group to prepare a brief presentation.
* Each presentation should include the chosen topic, research question, and evaluation of data sources.
* Encourage questions and discussions from the class during and after each presentation.
* Use Slide 6 titled "Group Presentations" for this phase.

**Step 5: Debrief and Discussion (5-10 minutes)**

* After all group presentations, facilitate a class discussion.
* Encourage participants to share their reflections on the challenges faced during the evaluation process and the insights gained.
* Discuss the importance of critical evaluation of data sources in data literacy.
* Use Slide 7 titled "Debrief and Discussion" for guidance.

**Step 6: Conclusion (3 minutes)**

* Summarize the key takeaways from the exercise.
* Emphasize the importance of applying data source evaluation skills in future data analysis endeavors.
* Use Slide 8 titled "Conclusion" to guide your concluding remarks.

**Step 7: Q&A (2 minutes)**

* Open the floor for any questions or clarifications regarding the exercise.
* Address any inquiries or concerns participants may have.
* Use Slide 9 titled "Questions & Answers" to facilitate this phase.

**Step 8: Thank You (1 minute)**

* Thank the participants for their active engagement and participation in the exercise.
* Express appreciation for their efforts in developing data literacy skills.
* Use Slide 10 titled "Thank You" to conclude your session.

**Step 9: Exercise Summary (2 minutes)**

* Summarize the main purpose and objectives of the exercise.
* Reiterate the importance of practicing data source evaluation in the context of data literacy.
* Encourage participants to apply these critical evaluation skills in their future data analysis projects.
* Use Slide 11 titled "Exercise Summary" for your closing remarks.