

IDENTIFY AI IMAGES

FACILITATOR GUIDE



5 MINUTES; 10-15 MINUTE OPTIONAL DISCUSSION

DESCRIPTION

This activity equips learners with practical skills to evaluate the authenticity and origin of images using reverse image search, which is just one strategy for fact-checking. This activity has been used as a pop-up lesson during outreach tabling but can also be adapted for classroom instruction.

LEARNING OUTCOMES

- Use reverse image search tools to determine the origin of an image and assess if it is AI-generated.
- Explain the limitations of relying solely on visual cues to identify AI-generated images and the importance of using additional tools and strategies.

WHAT YOU'LL NEED

- A pre-curated set of 6-8 example images, including AI-generated and 'real'
- Access to reverse image search tools (e.g. TinEye, Google Lens)
- Devices for students to use
- A digital platform (e.g. slide deck) for sharing example images

FACILITATION STEPS

1. Ask learners to reflect on their comfort with detecting AI-generated images and past strategies.
 - If it does not come up in discussion, ask if anyone has experience with reverse image search tools.
 - Explain that these tools allow users to see where a particular image has been shared online.
 - *Optional:* briefly demo the use of a reverse image search tool such as Google Lens or TinEye.
2. Display the pre-curated example images and provide learners with a link to view them on devices.
3. Ask learners to select one example image and guess whether or not they think it was AI-generated.
4. Ask learners to use a reverse image search tool to look up the image using their own device. They will need to download or take a screenshot of their chosen image before searching.
 - If they finish quickly, invite them to search for additional images.
5. Ask participants to share what they found and then facilitate a brief discussion about how their confidence changed (or didn't) through the process.
6. Transition into further discussion or activities related to generative AI, misinformation, or other topics.