





# 4 ethical lenses for evaluating risks with generative AI

The following questions are intended to help you assess the risks in a given scenario for each of the 4 lenses.





Some questions may highlight a lack of information and the need for further research before a given risk can be assessed.

Please keep in mind that the lenses are used as guidelines and not as a strict classification of risks. Some issues may in fact some risks may be classified under different lenses or relate to more than one lens.

Finally, bear in mind that some risks may not be covered as this guide is not exhaustive.

<p><b><u>Privacy</u></b></p>  <ul style="list-style-type: none"><li><input type="checkbox"/> What data does the tool collect?</li><li><input type="checkbox"/> Is it collecting personal or sensitive data?</li><li><input type="checkbox"/> Who has access to the collected data?</li><li><input type="checkbox"/> How is the collected data protected?</li><li><input type="checkbox"/> Can the data collected be used in harmful ways?</li></ul>	<p><b><u>Fairness</u></b></p>  <ul style="list-style-type: none"><li><input type="checkbox"/> How accessible is the tool?</li><li><input type="checkbox"/> What kinds of biases may affect the results?</li><li><input type="checkbox"/> Can the outcomes of the tool be different for different users or groups?</li><li><input type="checkbox"/> Can the tool enable unfair behavior from users (e.g. discrimination)?</li></ul>
<p><b><u>Sustainability</u></b></p>  <ul style="list-style-type: none"><li><input type="checkbox"/> What is the carbon footprint of the tool?</li><li><input type="checkbox"/> What types of resources does it consume (e.g. water) and produce (e.g. waste)?</li><li><input type="checkbox"/> What type of human labor is involved?</li></ul>	<p><b><u>Empowerment</u></b></p>  <ul style="list-style-type: none"><li><input type="checkbox"/> Can students &amp; teachers understand how the tool works and what its limits are?</li><li><input type="checkbox"/> Are users able to make choices (e.g. consent, settings) in their use of the tool and how?</li><li><input type="checkbox"/> How does the tool affect user autonomy and agency?</li></ul>

Scenario:

Benefits	Privacy 		Fairness 	
	Risks	Mitigation	Risks	Mitigation
	Sustainability 		Empowerment 	
	Risks	Mitigation	Risks	Mitigation

#	Audience	Generative AI	Scenario
1	Teacher	Video	Generate deepfakes instead of recorded lectures
#	Audience	Generative AI	Scenario
2	Teacher	Text	Produce quizzes based on videos transcript
#	Audience	Generative AI	Scenario
3	Teacher	Text	Generate feedback on students' work
#	Audience	Generative AI	Scenario
4	Student	Image	Generate multiple creative designs
#	Audience	Generative AI	Scenario
5	Student	Text	Help for conceptual understanding (use like wikipedia)
#	Audience	Generative AI	Scenario
6	Student	Text	Explain or generate a piece of code