

Responsible Artificial Intelligence (RAI) Foundations

Certification Overview

Welcome to RAI

This introductory online learning experience unfolds the foundations of Artificial Intelligence and Responsible Artificial Intelligence (RAI). As AI becomes increasingly prevalent in society day-to-day, it is crucial (now more than ever) to educate students on how to use and critically analyze the outputs of AI systems.



Certification Overview

Responsible AI Foundations will focus on AI and Responsible Artificial Intelligence (RAI) at an introductory level. We'll discuss the foundations of AI systems and how to use/implement AI responsibly in the classroom.

In this program, we'll start making connections between AI and the downstream impacts it presents (both positive and challenging impacts).

Learning Objectives



Identify the various models/processes that are used to differentiate between AI and RAI systems.



Discern the process for ensuring that AI systems are justifiable, explainable, and secure.



Determine which instances the Human-Centered Design approach should be used when working with AI systems.

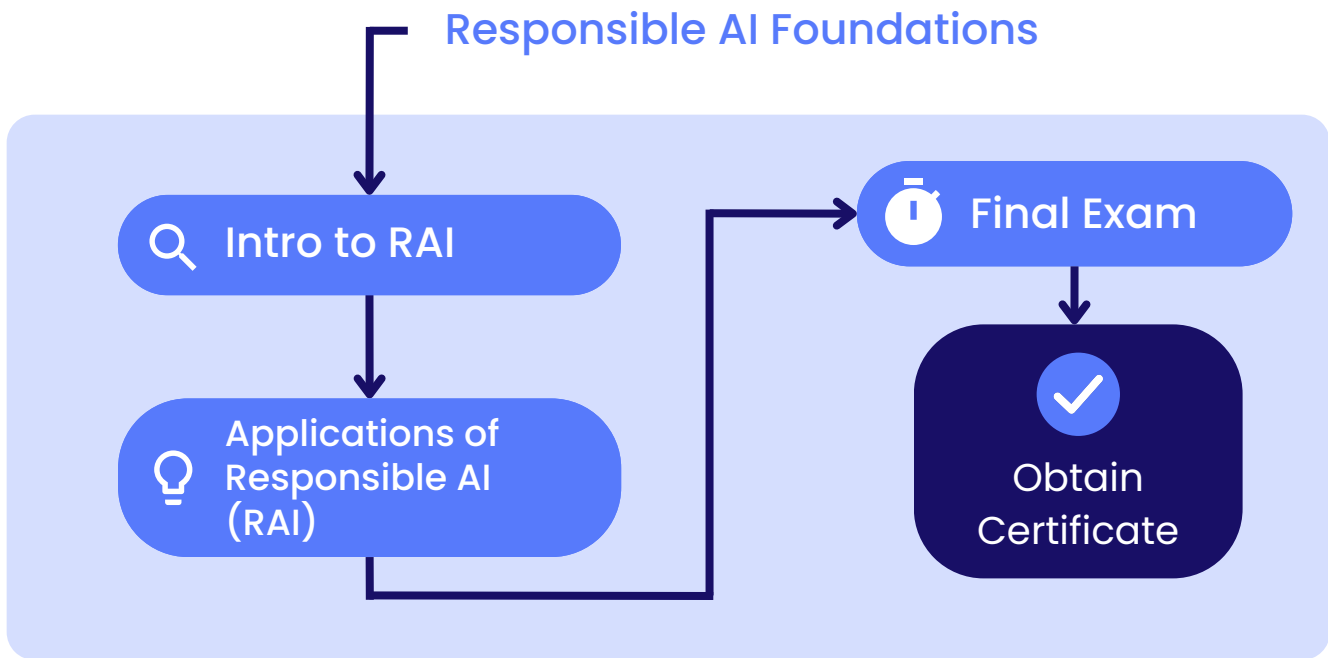


Apply Artificial Intelligence and Responsible Artificial Intelligence foundations when using ChatGPT.



Recognize the hidden biases and other ethical concerns within Artificial Intelligence systems.

Path to Completion



Breakdown of Curriculum

Intro to AI & RAI

- Intro to AI & RAI
- Connecting AI to 21st Century Skills
- AI in the Classroom
- RAI Classroom Policy Using ChatGPT

Human-Centered Design

- Human-Centered Design Approach
- The Turing Test
- Users & User Intent
- Human-Centered Design in ChatGPT

Ethics in RAI

- Intro to RAI Ethics
- Ethics of Student ChatGPT Policy
- Evaluating ChatGPT for Expertise
- Unethical Classroom Uses of ChatGPT

Combatting Bias in AI

- Intro to Bias in AI
- Identifying & Mitigating Bias
- How to Avoid Bias in AI
- Combatting Bias in ChatGPT

RAI Insurances

- Explainable RAI
- Monitorable RAI
- Secure RAI
- Justifiable RAI

Practical Application

- ChatGPT Simulation-Based problem solving
- Final Certification Assessment

Distinguish yourself as an educator in the AI space with the RAI Foundations Online Learning Experience!

Start your RAI journey with MindSpark by enrolling at mindspark.org/rai