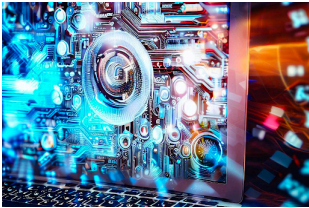


# Beyond AI Hype: General Introduction to AI

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This lesson provides students with an introduction to artificial intelligence (AI) and machine learning (ML), providing an overview of different AI subfields, exploring the history of AI, and providing examples of real-world AI use cases. Students will also engage in an activity to experiment with popular AI applications.

Duration 90 minutes

## Lesson Objectives

After this experience, students will:

- Have a basic understanding of AI and ML
- Understand the origins of AI
- Understand how AI is used in their daily lives

## Questions Explored

In this experience, students will consider:

- What are some potential use cases of AI?
- How do you use AI in your daily life?
- What do you think is important for students your age to know about AI?

## Key Terms & Concepts

- artificial intelligence
- machine learning
- bias

## Lesson Overview

**5 min**

### Group Discussion


To understand if students are aware of artificial intelligence, engage students in a group discussion where they share their knowledge of AI and aspects they are interested in learning about.

Guiding questions include:



- What do you know about AI?
- What do you want to know about AI?
- What do you think is important for students your age to know about AI?

**15 min****AI Lecture**

Introduce students to AI, ML, and bias through a short lecture based on these slides  [Beyond AI Hype Session I](#).

**45 min****AI Activity**

Transition students into the [Discover AI in Daily Life](#) activity by Google. Provide students with an overview of the activity and then follow the lesson plan provided on the website. The activity lesson plan has videos that can be used to guide this part of the lesson. To save time, the wrap-up video and quiz can be skipped.

**10 min****AI Activity Extension**

Students can continue learning about examples of AI in daily life by engaging with one of the [extension activities](#) provided by the original [Discover AI in Daily Life](#) activity.

**10 min****AI Activity Presentations and Debrief**

Students will present on the activity. Engage students in a brief discussion on their experience with the activities. Guiding questions include:

- How did you like the activity?
- What did you learn?
- What questions do you still have?

**5 min****AI Brainstorming**

Engage students in a brainstorming discussion to reflect on their experiences learning about use cases of AI in daily life. Guiding questions include:

- How do you use AI in your daily life?
- What are some interesting things you could do with AI?
- What are some potential use cases of AI?

