



**If you could
create an AI tool,
what features
would it have?**

Share your answers with the people
sitting near you.

Beyond Boundaries: AI Infused Extension for Progressive Solutions

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AND JUSTICE FOR ALL

★ ★

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U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; or
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Esta institución ofrece igualdad de oportunidades.

Objectives:

- Define AI and understand it's basic concepts.
- Discover AI tools that optimize productivity for Extension Duties.
- Evaluate the pro's and con's of incorporating productivity tools that operate using AI.



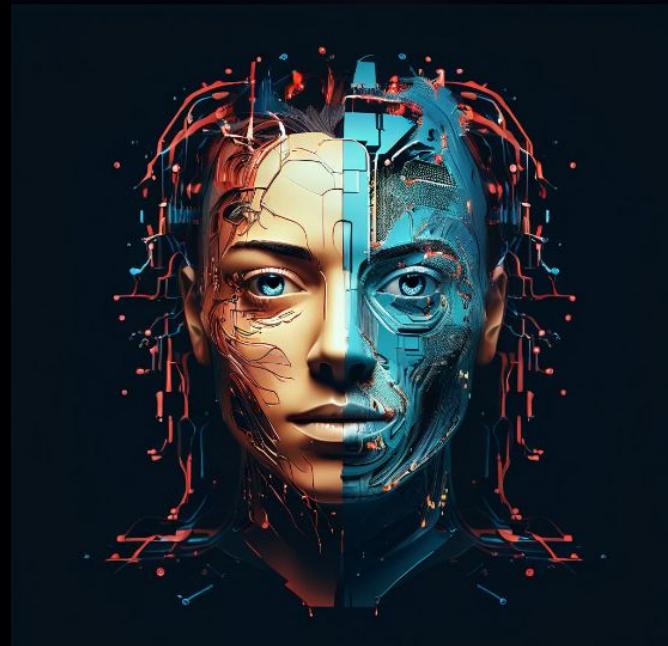
What is Artificial Intelligence?

A catchall term used to describe “intelligent machines” which can solve problems, make/suggest decisions and perform tasks that have traditionally required humans to do.

Narrow intelligence- performs a specific task

General intelligence- understands and learns new skills.

Super intelligence- stage where machines surpass humans.



AI generated image

Source: <https://connect.extension.org/>



Example of Super Intelligence:



What are the different types of AI and what do they do?

Artificial Intelligence (AI):
A Constellation of different technologies.

Machine Learning:
A subset of AI algorithms that learn without being explicitly programmed with rules.

Neural Network:
a specific type of deep learning model that is inspired by the way the brain processes information.

Deep Learning:
a type of artificial intelligence that uses complex algorithms to help computers learn and make decisions on their own.



AI for end users: Frame of Reference

ChatGPT,
Perplexity,
Canva Magic
Studio, Zoom AI

Generative AI
Refers to technologies that are able to create new data or content based on patterns observed in existing data.
Ex: image or word generators.

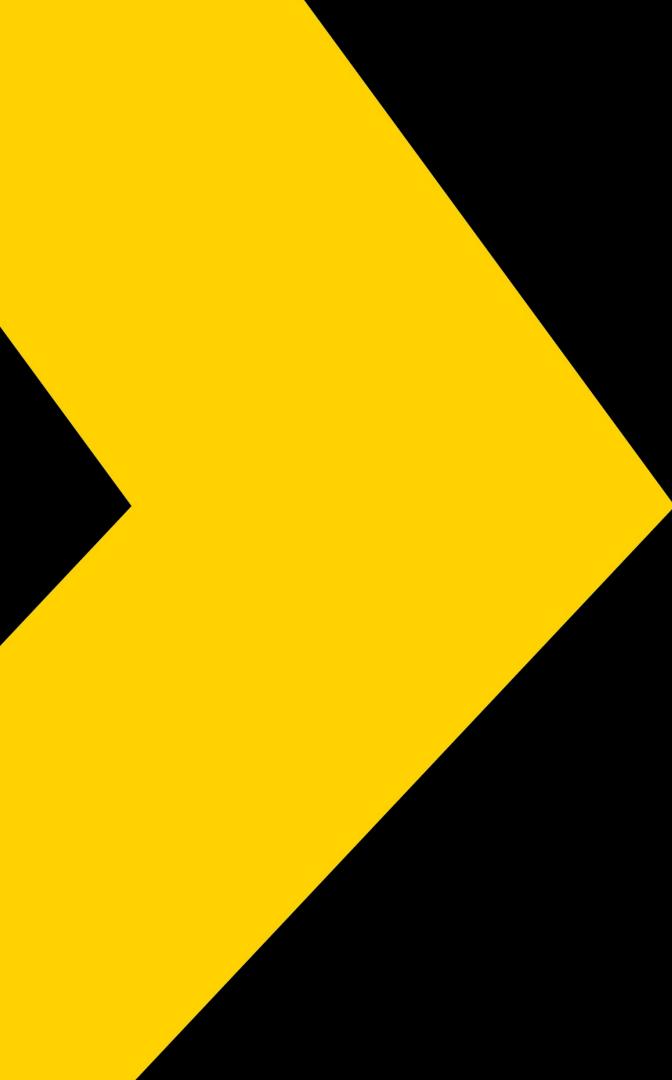
Predictive AI
Refers to technologies that use historical data to predict future outcomes or trends.
Ex: Fraud detection, targeted ads.

Generative AI
Uses machine learning, deep learning and neural networks to create based on existing data

Predictive AI
Uses machine learning, deep learning and neural networks to recognize patterns and predict future outcomes.

Fraud
Detection,
Weather,
Image
recognition



A large, stylized graphic element in the top-left corner of the slide. It consists of a black triangle pointing right, followed by a yellow triangle pointing right, and finally a larger yellow triangle pointing right, creating a sense of motion and direction.

Recommended Apps & Extensions



ChatGPT

vs



perplexity



<https://www.youtube.com/watch?v=mILx0jVxqzI>

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ChatGPT

vs



perplexity

Example Usage:

Email Draft Prompts:

- Introducing myself
- Partner collaboration
- Nice meeting you

Lesson Planning :

- Layout for lesson plan
- Powerpoint layout
- Speech / elevator pitch

Example Usage:

- Research for projects
- Deep diving a topic of interest
- Summarize PDF

<https://www.youtube.com/watch?v=alQ9it4HFiQ>

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Gamma AI

Welcome to Gamma

What do you want to make?

A pitch deck for building a colony on Mars!

Generate

<https://www.youtube.com/watch?v=r9VOYJM6nZc>

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Gamma AI

Example Usage:

- Presentation
- Introductory Meeting
- Teaching (Course, Workshop, or Lecture)
- Partner / Stakeholder Meetings



Canva

Magic Studio



Magic Studio

- Magic write
- Canva Draw Tool
- Magic Design
- Magic Switch
- Magic Edit
- Magic Animate
- Magic Media
- Magic Resize
- Magic Eraser
- Magic Translate
- Magic Presentation
- Magic Expand
- Magic Grab





zoom AI Companion





zoom AI Companion

- Catch up on missed discussions
- Generate meeting summaries
 - Includes highlights, action items, and next steps.
- Compose emails and messages
- Whiteboard Content Generation
- Real-time translation and transcription
- Streamline meeting coordination





Calendly is a virtual availability and booking app used to schedule meetings, appointments, and events for individuals and organizations.



A scheduling assistant that syncs your to-do list with your Google or Microsoft calendar to help you do your best work.



Activity: Reflection

Use the post it's to finish the sentences for the following statements:

I like...

I will use...

I question...

I fear...

Additional AI recommendations:



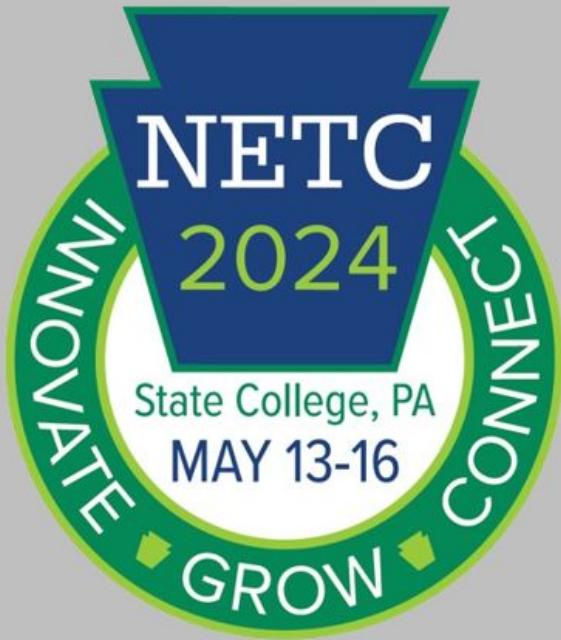
Q&A:

QUESTION:



Please leave us your
feedback.





THE KEYSTONE
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Pink 2.3

"Beyond Boundaries: AI-Infused Extensions for Progressive Solutions"

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