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

Co-authors: Maria Barga and Naimani Staley

UNIVERSITY OF MARYLAND EXTENSION

UNIVERSITY OF MARYLAND EXTENSION | Marylanders Online

University programs, activities, and facilities are available to all without regard to race, color, sex, gender identity or expression, sexual orientation, marital status, age, national origin, political affiliation, physical or mental disability, religion, protected veteran status, genetic information, personal appearance, or any other legally protected class.

3

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.
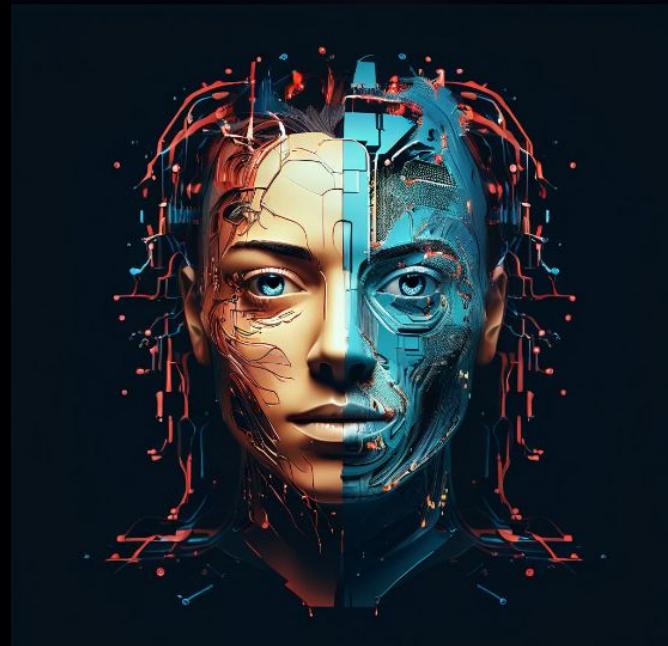
AI generated image

5

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.

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

AI for end users: Frame of Reference

ChatGPT,
Perplexity,
Canva Magic
Studio, Zoom AI

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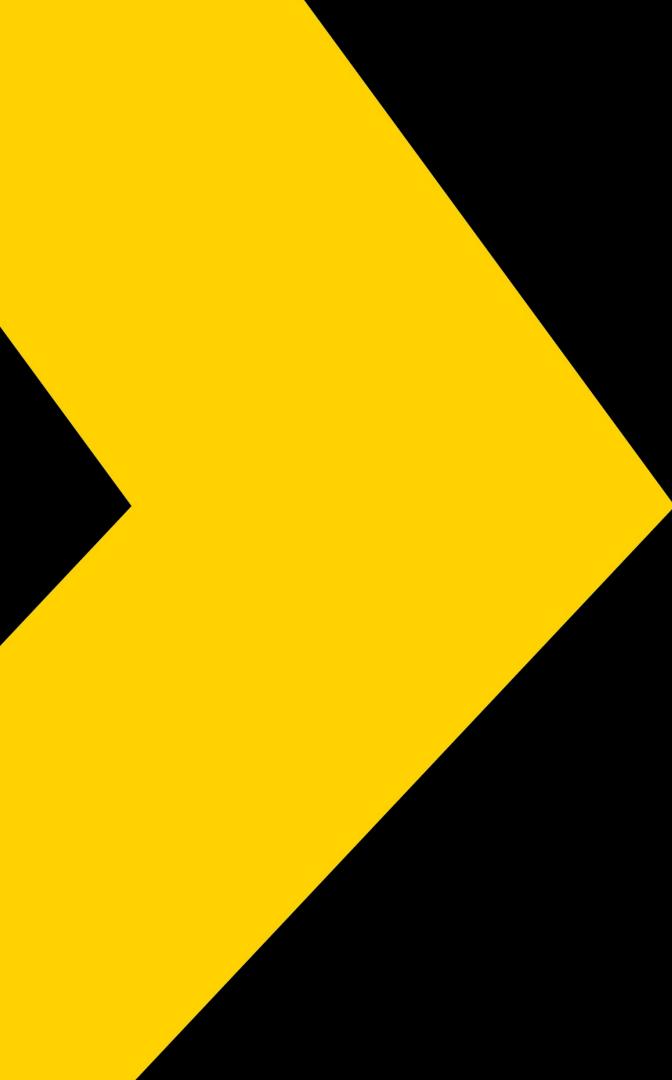
Generative AI
Refers to technologies that are
able to create new data or
content based on patterns
observed in existing data.
Ex: image or word generators.

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.

Recommended Apps & Extensions

ChatGPT vs perplexity

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=aIO9it4HFiQ

Gamma AI

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

Gamma AI

Example Usage:

- Presentation

- Introductory Meeting

- Teaching (Course, Workshop, or Lecture)

- Partner / Stakeholder Meetings

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:

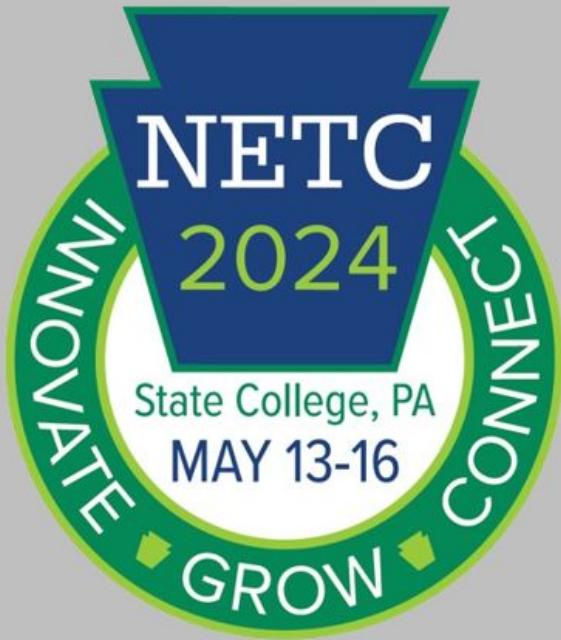I will use ChatGPT to create an itinerary for my next trip. :)

Q&A:

Please leave us your feedback.

THANK YOU BEARY MUCH!

Pink 2.3
"Beyond Boundaries: AI-Infused Extensions for Progressive Solutions"

Scan code in your event app

AU6XHPec

https://marylandersonline.umd.edu/

UNIVERSITY OF
MARYLAND
EXTENSION

Marylanders
Online