



Artificial Intelligence

Law & Justice Interim Committee Presentation
September 2024

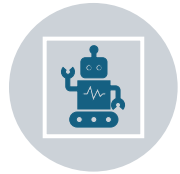
Bryan Gortmaker, Supervisory Agent
Montana Division of Criminal Investigation

What is Artificial Intelligence (AI)

1.
 - a. the capacity of a computer, robot, programmed device, or software application to perform operations and tasks analogous to learning and decision making in humans, such as speech recognition or question answering. : AI, A.I.
 - b. a computer, robot, programmed device, or software application having this humanlike capacity: : AI, A.I. *teaching human values to artificial intelligences.*
2. the branch of computer science involved with the design of computers, robots, programmed devices, and software applications having the capacity to imitate human intelligence and thought. : AI, A.I.

(Source – dictionary.com)

How AI is Used Today



Automation



Data analysis



Fraud detection



Client
communication



Research

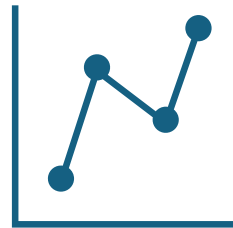


Generate
website content



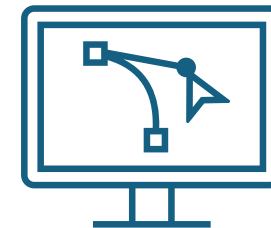
Media &
Entertainment

Traditional AI vs. Generative AI



Traditional AI

Uses historical data, logical reasoning frameworks, and systems to make predictions and decisions.



Generative AI

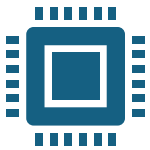
Uses data from the internet to learn patterns and create new content.



Example



Malicious Use of Generative AI



AI can reduce the cost and increase the scale of cyber incidents and foreign influence operations.



AI-generated voice, Chatbots, or videos could spread false information via text, social media channels, email, or print.



AI-generated content could be used to harass, impersonate, or delegitimize officials.



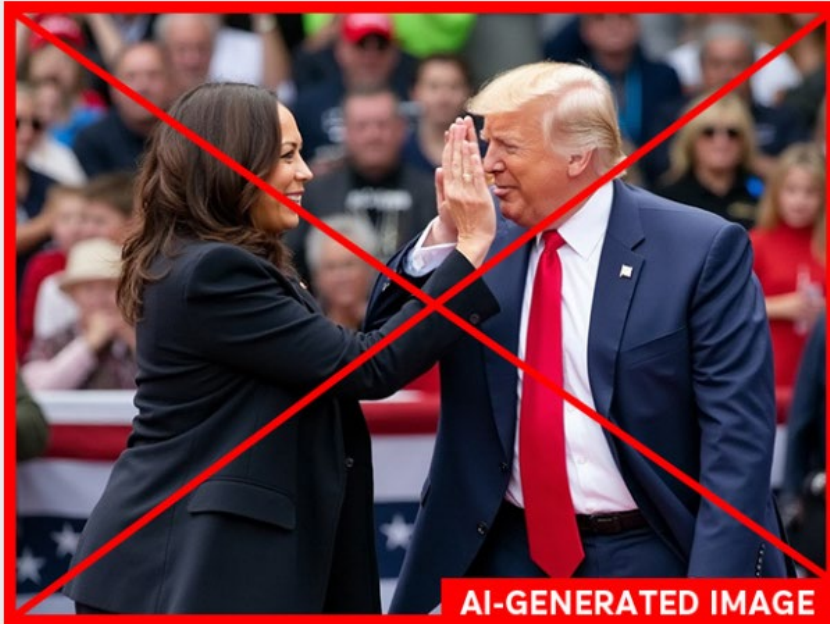
AI-generated technology enables sophisticated use of phishing and social engineering techniques.

X's chatbot can now generate AI images. A lack of guardrails raises election concerns

AUGUST 16, 2024 · 4:50 PM ET

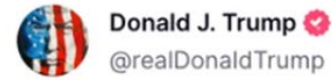
By Huo Jingnan

Prompt: Generate an image of Donald Trump and Kamala Harris high-fiving in celebration



Source: AI image generated by Grok based on a prompt from NPR

Credit: Connie Hanzhang Jin, Grace Widyatmadja and Huo Jingnan/NPR



Donald J. Trump

@realDonaldTrump

I accept!

by ISIS, Swifties have determined they want a strong leader in the White House. The Swifties For Trump movement is real!



SATIRE
SWIFTIES TURNING TO TRUMP AFTER ISIS FOILED TAYLOR SWIFT CONCERT



aka
@akafacehots

Subscribe

iesForTrump continue to break the internet! Kamalas campaignables over it!



AM · AUG 17, 2024 · 899.9K Views

Artificial Intelligence & Child Sexual Abuse Material

Creation of CSAM Using AI

- Offenders can use AI to make a child appear nude or engaged in sexual acts.
- AI can be used by offenders to create an image of a child being sexually abused via text prompts.
- AI can be used to manufacture images of children being abused who look like a real child but are fabricated.
- Offenders can use AI to teach other offenders how to groom children.
- Revictimization by editing previously created and shared content to create new CSAM.



Real-life Examples

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PRESS RELEASE

Man Arrested for Producing, Distributing, and Possessing AI-Generated Images of Minors Engaged in Sexually Explicit Conduct

AI Uses in Public Safety



Analyze Large
Data Sets



Disaster
Response



Traffic
Management



Cybersecurity



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