

### BEFORE WE GET STARTED

- Principal goal raise baseline awareness of Al and its security, privacy, and other issues
- Collective expertise is critical!
   Please speak up!



2

WHAT IS AI?

### AI DEFINED

15 USC 9401(3)

"Artificial Intelligence" means a machine-based system that can, for a given set of human-defined objectives, make predictions, recommendations or decisions influencing real or virtual environments. Artificial intelligence systems use machine and human-based injust to— (A) perceive real and virtual environments; (B) abstract such perceptions into models through analysis in an automated manner; and (C) use model inference to formulate options for information or action.

6-1-1701, C.R.S.

"Artificial Intelligence System" any machine-based system that, for any explicit or implicit objective, infers from the inputs the system receives how to generate outputs, including content, decisions, predictions, or recommendations, that can influence physical or virtual environments.

4

### Generative AI vs. Agentic AI vs. AI Agents



### Generative Al

Generative AI generates new content such as text, images, and music based on training data



### Agentic Al

Agentic Al performs tasks autonomously and can pursue goals by interacting with its environment



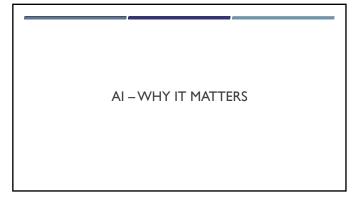
### **AI Agents**

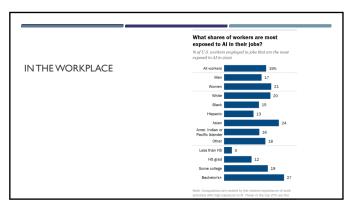
Al agents combine generative and agenic capabilities to accomplish complex objectives

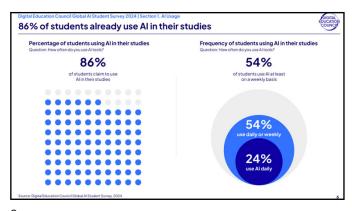
Pratibha Kumari Jr., Chief Digital Officer, DataThick (via LinkedIn)

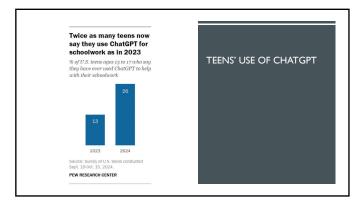
5

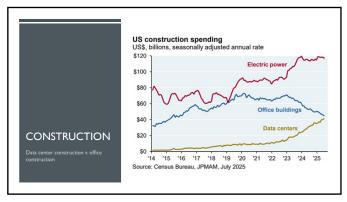
### Market Leaders in Al Tools and Platforms Al Tool Market Share (2028) Chald PT (2028) Chald PT (2028) Chald PT (2028) Chald PT (2028) Morsouth (2028) Mor











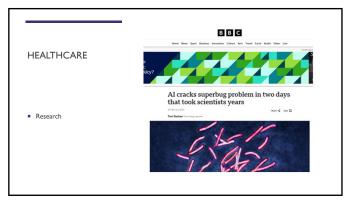
IS AI THE REAL DEAL?

■ OpenAl CEO Sam Altman → \$100 million signing bonuses to AI engineers.

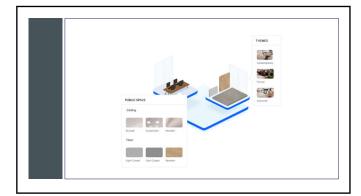
Matt Deitke
AI Researcher at MSL

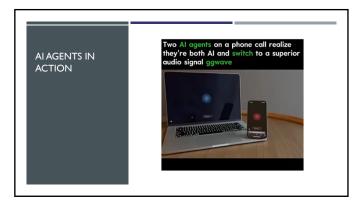
AI USE CASES



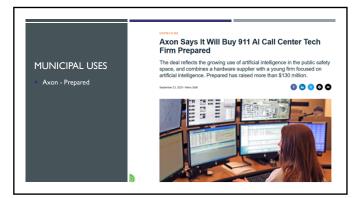






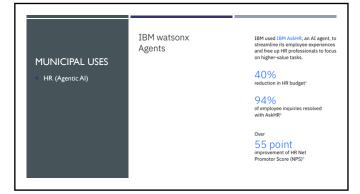


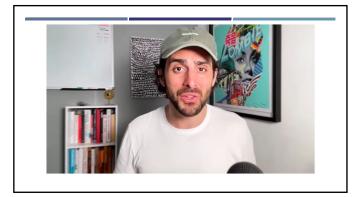












## Prompt EXAMPLE — CONTRA( (a) conform to the standards of practice of professional and surveying as defined by the Colorado Revised State Board of Licensure for a contract language that will hold a surveyor services. Draft contract language that will hold a surveyor services to a municipality that is contracting for surveyor services to a municipality. Incorporate any industry standards or professional requirements for surveyors, whether nationally or in the State of Colorado. Draft Contract Language that will hold a surveyor accountable for the or exceed the degree of still and care or dimarily services by professional land surveyors practices and surveyor services. Draft contract language that will hold a surveyor accountable for the rier survey services to a municipality. Incorporate any industry standards or professional requirements for surveyors, whether nationally or in the State of Colorado. (b) despite the surveyors, whether nationally or in the State of Colorado. (c) dee complete, accurate, and suitable for the Municipality's intended use; (d) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable for the Municipality's intended use; (e) are complete, accurate, and suitable

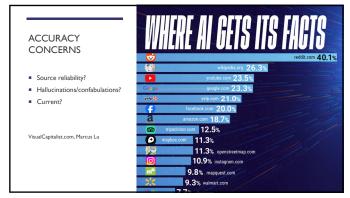
(c) comply with all applicable state and local recording requirements; and
(d) be sealed, signed, and dated by the responsible PLS as required by Colorado law

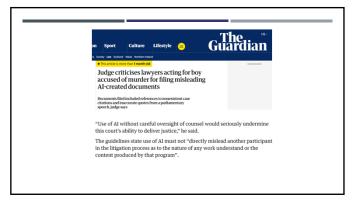
25

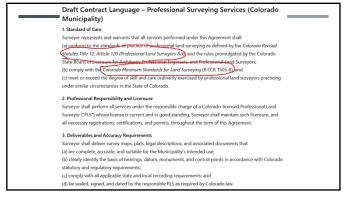
### Prompt Solution and an attorney for a municipality that is leasing an autonomous lawn mower. The lessor's autonomous lawn mower found at the following website: [VRESITE IRIJ]. Analyze the website and create contract langua, that binds the lessor to the various promises it makes on its website. Purpose/note bods in on-site training and certification promises.

	Below is a concise summary of the Microsoft Research report "Working with Al: Measuring the Applicability of Generative Al to Occupations" in under 1,500 words.
	Purpose and Scope
EXAMPLE – SUMMARIZE REP	This study investigates how generative Al-especifically Microsoft's Bing Copilot—affects different kinds of work. Rather than predicting theoretical impacts, the authors analyze real-world usage data: 200,000 anonymized U.S. conversations with Copilot over nine months in 2024. By mapping these conversations to
Prompt	the U.S. Department of Labor's O'NET database of work activities, the team measures where AI is already assisting or performing tasks and calculates an AI applicability score for every U.S. occupation.
Summarize this research report in	Key Concepts
1,500 words or less.	User Goal vs. Al Action:     User goal is the task the human wants to accomplish.
Microsoft Research Report.pdf PDF	<ul> <li>Al action is the task the Al actually performs.</li> <li>These differ often—for example, a user may want to "research a topic" while the Al "provides information."</li> <li>Work Activities (WIAq): O"NET defines 332 "Intermediate Work Activities" (WIAq) that describe tasks</li> </ul>
	shared across occupations.  • Al Applicability Score: Combines (1) how often an IMA appears in conversations, (2) how successfully Copilot completes the task, and (3) the scope of Copilot's contribution. This weighted score estimates each occupation's potential exposure to generative AI.
	Data and Methods

AI DANGERS









SB24-205 (SB25B-004 delayed the effective date to June 30, 2026)

Seeks to avoid algorithmic discrimination by regulating "high-risk" Al.

INTELLIGENCE ACT (CAIA)

Algorithmic Discrimination

"[A]ny condition in which" the use of [AI] "results in an unlawful differential treatment or impact that disfavors an individual or group of individuals on the basis of their actual or perceived age, color, disability, ethnicity, genetic information, limited proficiency in the English lan-guage, national origin, race, religion, reproductive health, sex, veteran status, or other classification [protected under the law]."

COLORADO ARTIFICIAL INTELLIGENCE ACT (CAIA)

What is "high-risk Al"? → Al that is a "substantial factor" in making a "consequential decision." 6-1-170, C.R.S.

- A factor generated by an Al system that is used to assist in making, and is capable of altering the outcome of, a consequential decision.
- · "Consequential decision" -
- Has a material, legal or similarly significant effect;
   On the provision or denial to any consumer of, or the cost or terms of: (A) Education; (B) Employment; (C) Financial or lending services; (C) Essential government services; (E) Healthcare service; (F) Housing, (G) Insurance, or (H) Legal services. services.

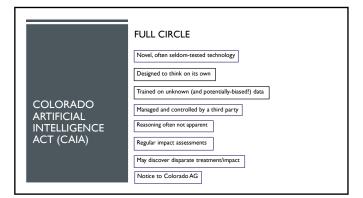
34

### Risk Management Program "to govern deployment of high-risk Al, with "regular, systematic review and updates." Impact assessments (annually and within 90 days of each "substantial and intentional modification" to the Al, that includes testing, monitoring, and risk analysis of the system. COLORADO ARTIFICIAL (2) via website statement that identifies the high-risk Al and how it is used; INTELLIGENCE (3) give consumer the right to opt-out of having their data processed by the Al; and ACT (CAIA) (4) give consumers who receive an adverse decision a statement about how AI was used and opportunity to appeal/correct their information. Record-keeping obligations (for everything!)

35

COLORADO Notice to Colorado AG "without unreasonable delay" and in no event later than 90 days after discovery. ARTIFICIAL INTELLIGENCE ACT (CAIA)

# ENFORCEMENT 6-1-1706, C.R.S: • (1) Notwithstanding section 6-1-103, the attorney general has exclusive authority to enforce this part 17. • (5) Nothing in this part 17, including the enforcement authority granted to the attorney general under this section, preempts or otherwise affects any right, claim, remedy, presumption, or defense available at law or in equity. A rebutable presumption or affirmative defense established under this part 17 applies only to an enforcement action brought by the attorney general pursuant to this section and does not apply to any right, claim, remedy, presumption, or defense available at law or in equity. • (6) This part 17 does not provide the basis for, and is not subject to, a private right of action for violations of this part 17 or any other law.





### PROTECTIONS FOR CONSUMER DATA PRIVACY

24-73-102, C.R.S.

### Security Procedures

To prevent personal identifying information from unauthorized access, use, modification, disclosure or destruction, Governmental entities must implement and maintain reasonable security procedures and practices that are appropriate to the nature of the data and nature and size of the governmental entity.

40



41



PROTECTIONS FOR	CONSUMER DATA PRIVACY
24-73-102 and 103, C.R.S.	Requires security of, and prohibits disclosure of, "Personal Information" and "Personally Identifying Information"

