

## Agenda













Al Landscape

GenAl Tools & Solutions

County Use Cases

Is Your Data Ready

Your Journey





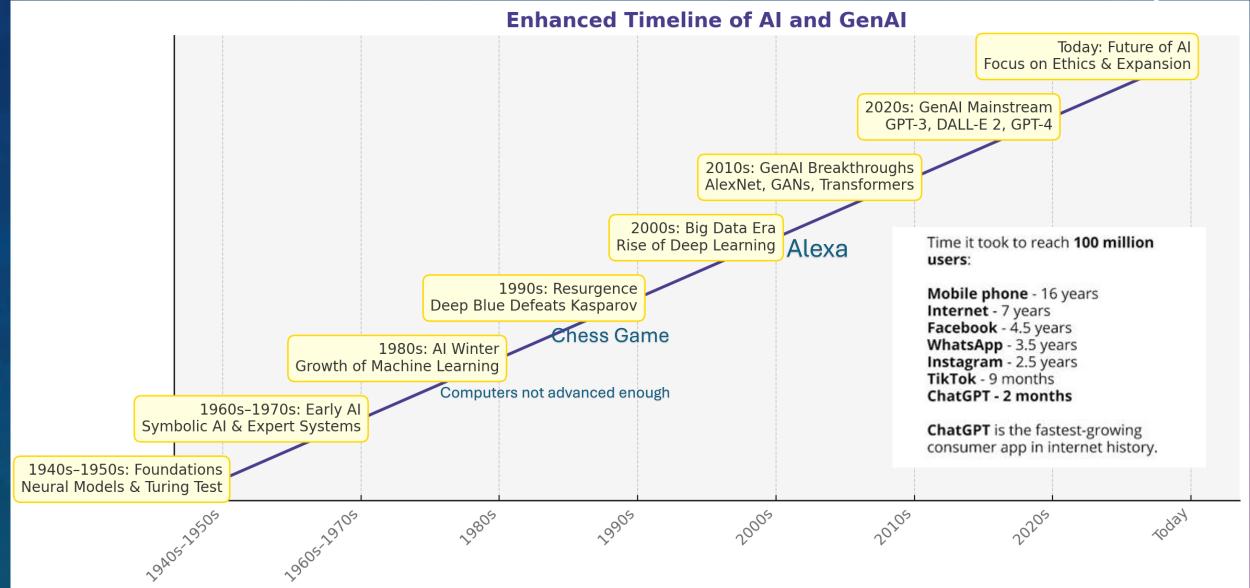
# Landscape: What is Al and GenAl?





## Landscape: What Is AI --What is GenAI





Time Period

# Landscape: Alls Not New – GenAlls



 Al is like a digital assistant, automating processes that organize data for employees to make informed decisions. Examples include smart devices such as cameras in the courthouse or self-driving cars that

Tesla Car Technology ( Self Driving Car )

collect data.

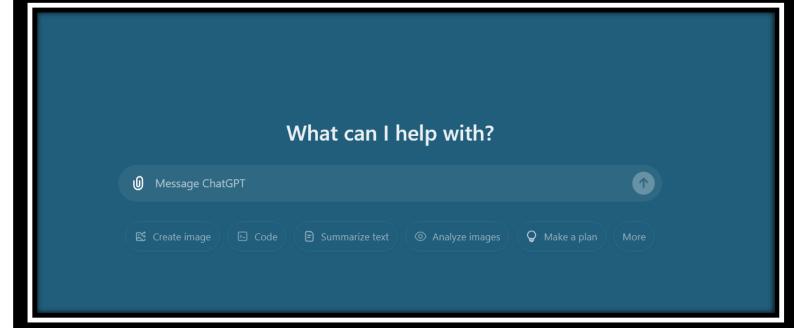


# Landscape: What Is AI -- What is GenAI



 GenAl, such as ChatGPT, generates creative content, when you ask it questions, otherwise

known as prompts

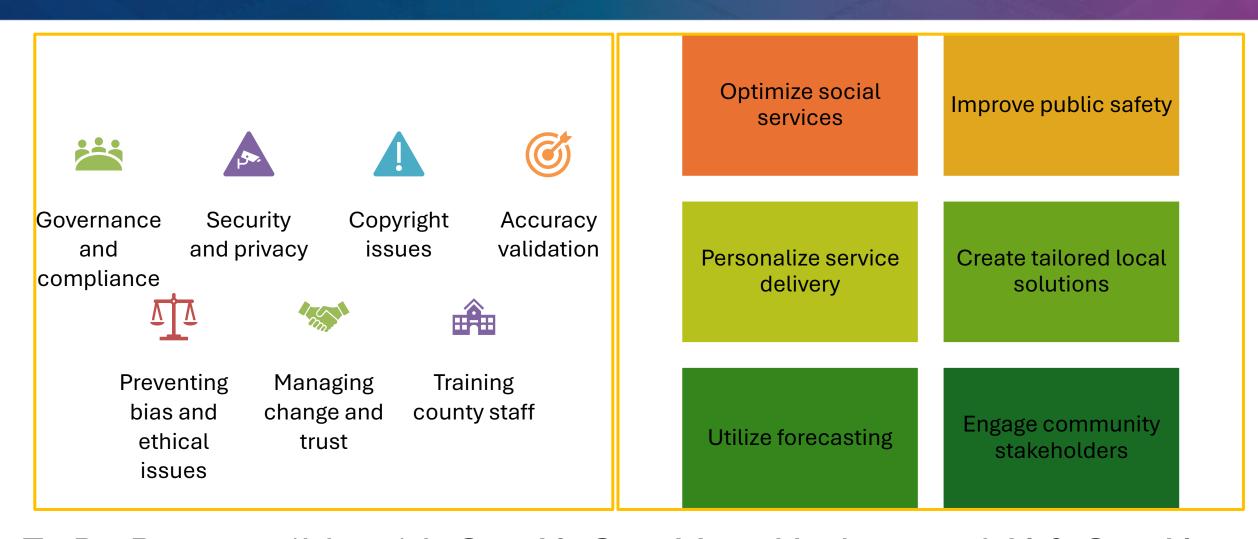




Landscape: Challenges And Opportunities

## Landscape: Challenges & Opportunities of Generative Al





To Be Responsible with GenAI, One Must Understand AI & GenAI

# Landscape: Myths



## Myth Buster Quiz

My county can avoid the use of GenAI by not ever permitting employees to use the technology?

Al is a new technology that has not previously been utilized by society? GenAl models are always accurate, and do not need their outputs to be verified?

I can turn off GenAI features in applications if I don't want to use them? All GenAl tools are designed using the same underlying open-source model?



Setting the Stage:



Just as there are different types of cars



Setting the Stage:



And there are different types of boats



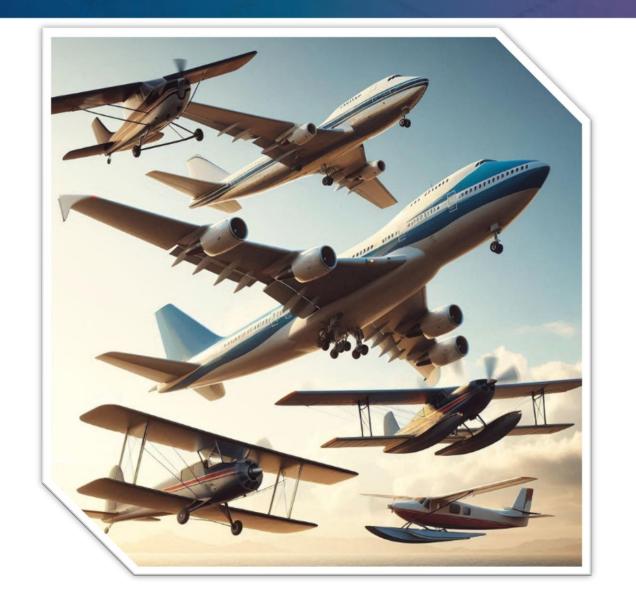
Setting the Stage:



And there are different types of Motorcycles



Setting the Stage:



And there are different types of Airplanes



Setting the Stage:



And there are different types of Bikes



Setting the Stage:



And there are different types of Shoes

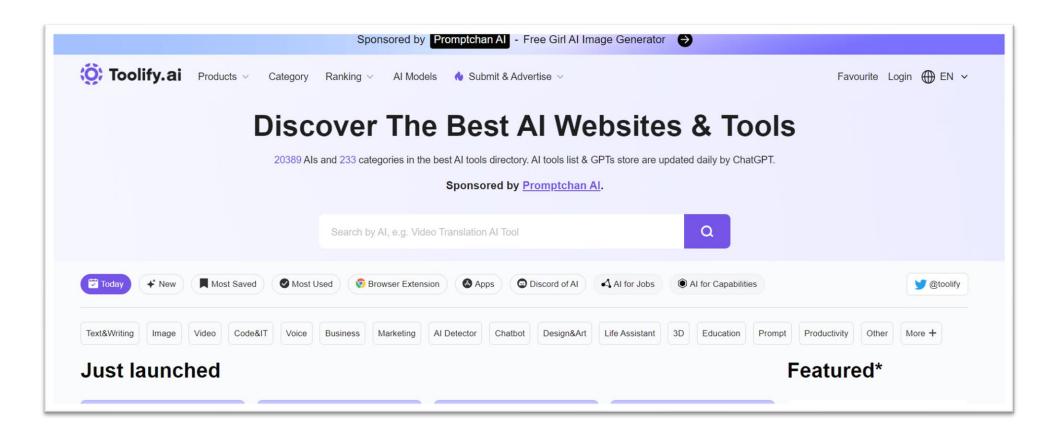
They all provide transportation. But in a different way!



Text
Video
Photo
Music
Transcription
Coding
Deepfakes
Presentations Presentations
Voice



## **Best Al Tools Directory & Al Tools List - Toolify**





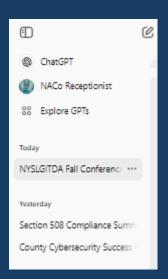
## **Text**

- ChatGPT
- Microsoft Co-Pilot
- Google Gemini
- IBM WatsonX
- Grammarly
  - Al powered writing assistant









Result seconds later

#### FOR IMMEDIATE RELEASE

Idaho Association of Counties Announces 2025 Midwinter Legislative Conference

Boise, Idaho – January 18, 2025 – The Idaho Association of Counties (IAC) is pleased to announce its 2025 Midwinter Legislative Conference, scheduled for January 27-30 at the Boise Centre in downtown Boise. This flagship event serves as the premier opportunity for county officials and staff to connect with legislators, state leaders, and peers from across Idaho.

#### Key Highlights of the Conference:

- **Networking Opportunities**: Attendees will have the chance to build valuable connections with county elected officials, department heads, county staff, legislators, and key stakeholders.
- Engagement with Idaho's Legislative Process: Participants can tour the Capitol, meet legislators, and attend committee hearings to gain firsthand insights into the legislative process.
- **Customized Training Experience**: The conference offers a variety of sessions, allowing attendees to curate an agenda tailored to their professional roles and goals.
- Innovative Solutions and Services: Engage with IAC's Corporate Partners, sponsors, and exhibitors to discover services beneficial to county operations.

As the first conference following the general election, this event provides a timely platform for attendees to share fresh perspectives and foster valuable relationships.

#### **Registration Details:**

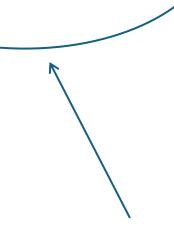
• Member Rate: \$295.00

Non-Member Rate: \$410.00

To register, please visit the official conference registration page:

Hotel Accommodations:

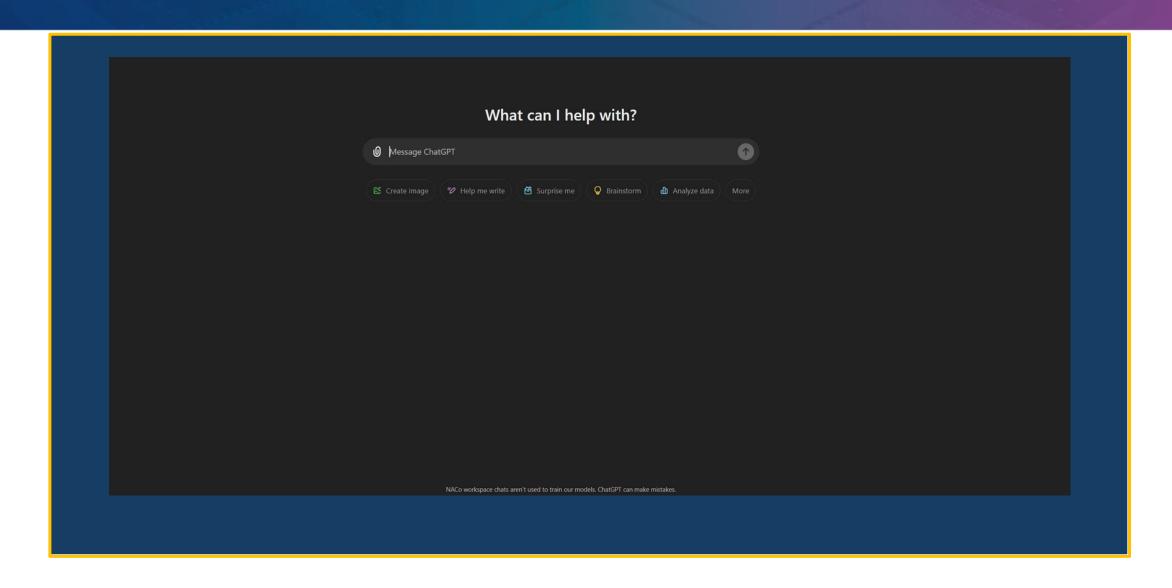
write a press release for this https://idcounties.regfox.com/2025-iac-midwinter-conference



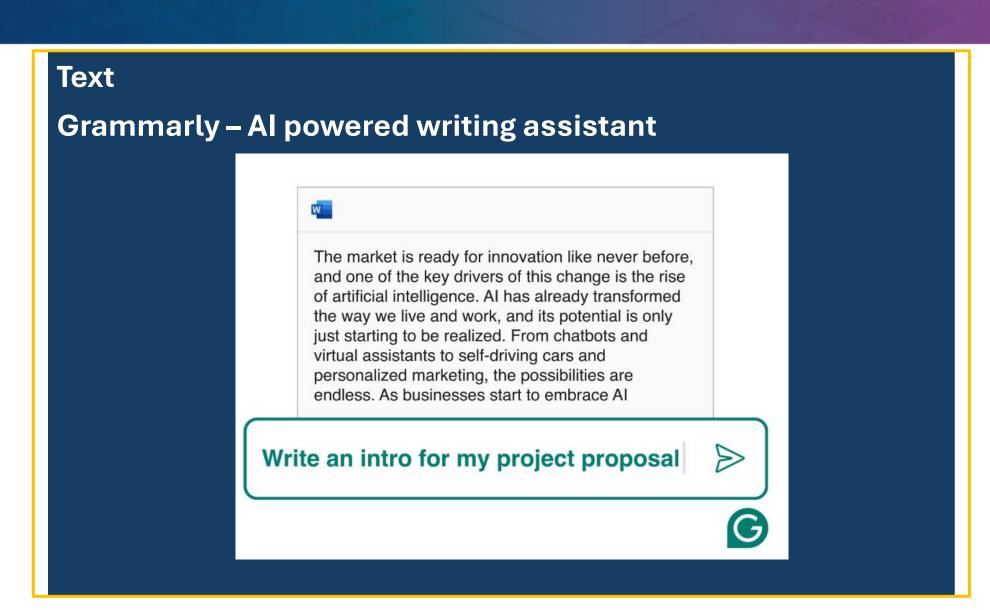
**Prompt or Question** 

# Let's Give It A Try











Video

Pictory.ai

Rytr

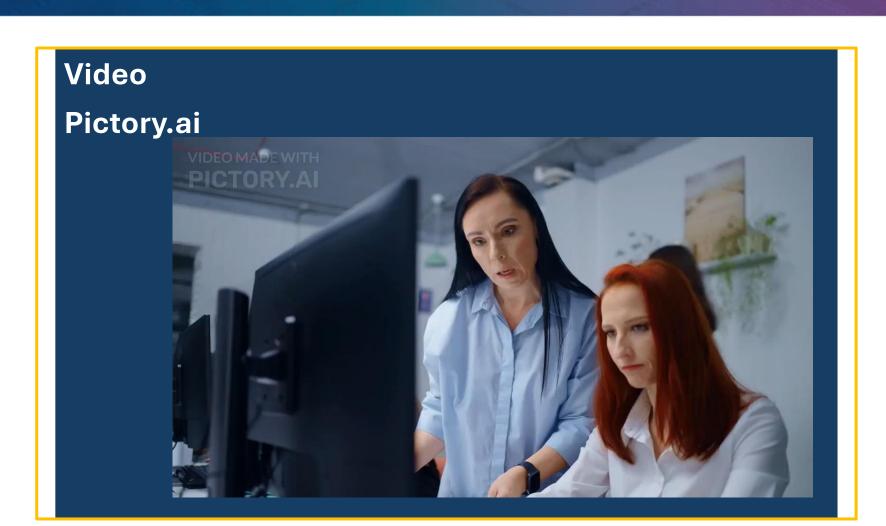
**HubSpot** 

Vimeo (existing product)

Too many to list









## **Photo**

- Dall-E
- Microsoft Designer (Dall-E3)
- Imagen 2 (Gemini)
- Adobe Firefly
- Midjourney
- OpenArt and too many to list





## **Photo**

- ChatGPT 4.o
- Dall-E



How did you create this? What tool did you use

I used a tool to generate the image based on your description, including specific details like the autumn scenery of Watkins Glen and a banner spelling out "NYSLGITDA Fall Conference." The tool takes text prompts and transforms them into images using Al. In this case, I crafted a detailed prompt about the Watkins Glen setting and the conference, and the tool generated an image based on that input. If you'd like any other changes or additions, feel free to let me know!

Did you use Dall-E?

Yes, I used DALL-E, an Al-powered image generation tool, to create the image based on the detailed prompt you provided. DALL-E takes text descriptions and generates images that match those descriptions, making it a great tool for visual gooncepts and ideas. If you'd like any further adjustments or new

Message ChatGPT





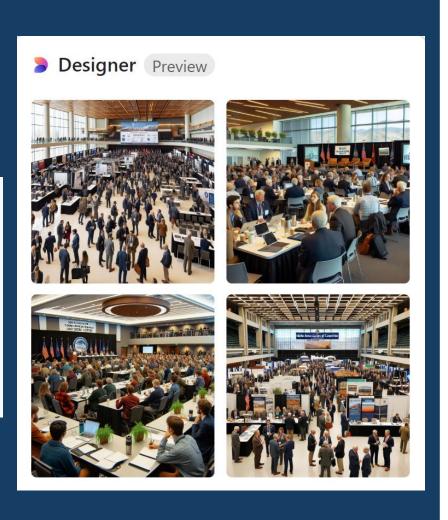
You

draw me images for the Idaho Association of Counties Mid-Winter Conference at the Boise Idaho Conference Centre



Copilot

I'll try to create that.





Music

Suno

**Mubert Al** 

**AIVA** 

Too many to list





## Music Suno



## Connecting In Idaho (no style) IndependentVibrato392 January 18, 2025 at 1:30 PM [Verse] Morning light breaks over Boise's towers We gather here counting all our hours Officials and peers come from near and far United we stand stronger as we are [Verse 2] Discuss the future with state leaders bold Stories unfold like threads of gold Decisions made within these hallowed Every county rises when one calls [Chorus] In Idaho we find our way Hand in hand through night and day Linking hearts from north to south Every voice we count them out



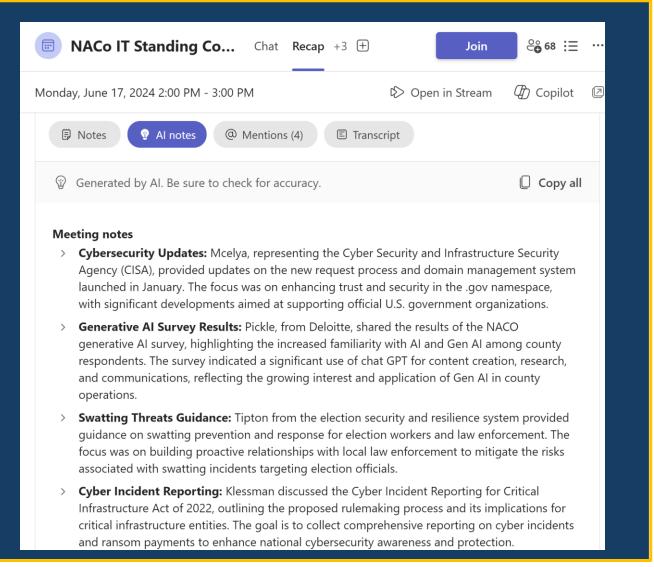
## **Transcription**

- Co-Pilot
- Otter.Al
- Rev
- Sonix
- Read.Al



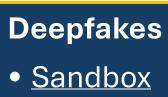


# Transcription CoPilot





https://deepfake.civai.org/



#### **Our Mission**

While this deepfake is harmless and fun, it could just as easily have been made explicit or incriminating.

Society will soon have to make tough decisions about how to handle Al. At <u>CivAl</u>, we believe that direct experience with Al is crucial for making those decisions.

## Why Do Deepfakes Matter?

Trust is already hard to come by. Now that anything can easily be faked, we will no longer agree on what is real.

Learn more →

## Al Is Moving Quickly

Deepfakes are just the start. Al has made breakthroughs in robotics, conversation, reasoning, and more.

Learn more →

### What's the Game Plan?

Al will impact everyone, and over the next few years we will need to make some tough decisions.

Learn more →





https://deepfake.civai.org/



## **Chatbots: Fairfax County Va**





The Virtual Assistant will direct you to information available on the website, either by displaying it for you within the window or by providing a

Our Virtual Assistant is always learning thanks to its artificial intelligence. Meanwhile, our customer service staff feed it a steady diet of topics

link for more information. You may ask questions by typing in your own words and ask follow-up questions.

and refinements based on the questions you ask the most. To start, covered topics are:

What Can the Virtual Assistant Do?

Board of Supervisors

Trash and Recycling
Voting and Elections

Dog Licenses



Board of Supervisors

Voting and Elections

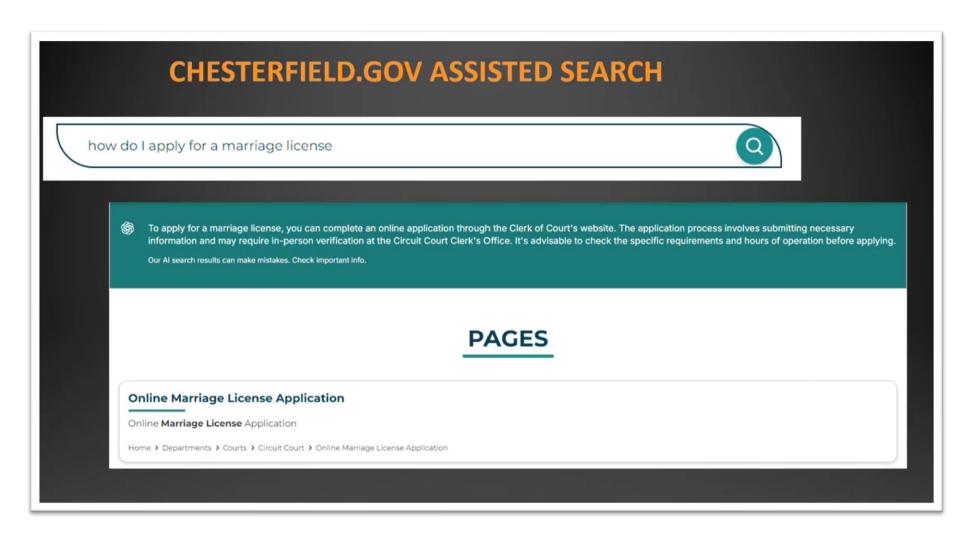
Taxes

Dog Licenses

Trash and Recycling

# Chatbots: Chesterfield, VA



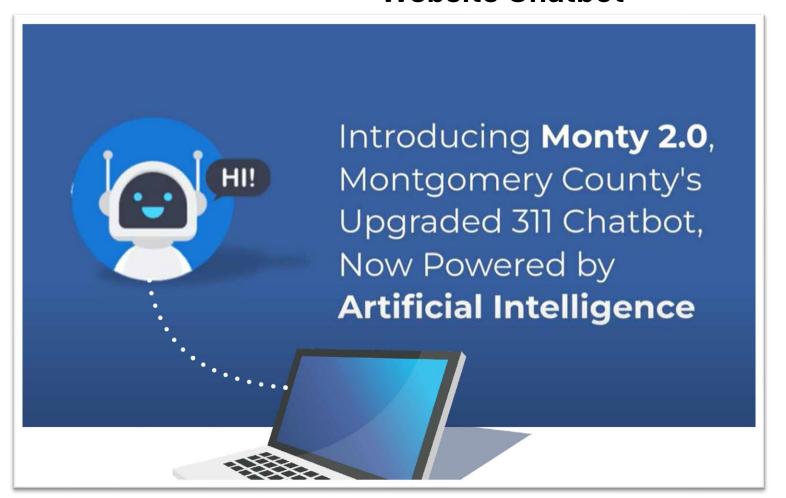




# **Montgomery County, MD**



## **Website Chatbot**





## Chesterfield, VA



# CHESTERFIELD COUNTY AI PROJECTS, CURRENT AND FUTURE

## Machine Learning

Population forecasting

- Students
- · Fire/EMS incidents
- · Parks and Library participation

#### Generative AI

Chatbots or Assistants

- ETL Code Generation and conversion
- · Chesterfield.gov search assistant
- · Courts Public Assistant
- · AI assistant to direct and locate events on video
- · AI Use Case backlog with many ideas

#### Procedural advances

- Policy
- Innovate Community of Practice

# Chesterfield, VA



### **CODE CONVERSION**

#### R Studio Code

#### Python Code

```
obj_df['Doc Minor'] = np.select(
    condlist=[
        obj_df['Object'] == "615100",
       obj df['Object'] == "615500",
        obj_df['Budget FYP Category'] == '',
       obj_df['Budget Projection Minor'] == "Federal Aid",
        obj df['Budget Projection Minor'] == "State Aid",
        obj df['Budget Projection Minor'] == "General Property Taxes"
    choicelist=[
        "Capital Projects",
        "Capital Projects",
        obj_df['Doc Category'],
        "Intergovernmental Revenue",
        "Intergovernmental Revenue",
        obj_df['Budget Projection Minor']
    default=obj df['Budget FYP Category']
```

# **Use Cases**



## Alameda County, Calif.

- CRIMS (Criminal Justice data)
  - Data Analysis (need better data)
- Converter
  - MS ACCESS developed a converter using AI to SQL
  - Converting mainframe applications into .Net
- Invoice Reader
  - Advanced features to read the invoice and puts the data into the workflow with less human intervention
- Test Cases
  - Develop test cases automatically prompts are important

## Use Cases – Alameda County Idea Hackathon

SLEB Connect – For Small Local Emerging Businesses. Uses AI to understand a SLEB's business and then connects them to contracting opportunities across County agencies.

AC Common Link helps clients and staff find the quickest route across County organizations to human-centered services based upon the user's immediate needs, removing barriers and making it easier to access services.





AC Common Link - Too Stressed to Think Use AC Common Link!

### Use Cases



# Harris County, TX.

- Standard Operating Procedures
  - Knowledge Management using Al search
- Enabled cameras
  - Classification of vehicles, traffic projectory, near misses
- Public Safety

   Al companion for officers on the ground
  - To write police reports automatically
- Modernization of Legacy Systems

### Other Use Cases



### Water-challenges - satellites to find leaks

 New Mexico will use artificial intelligence to monitor satellite images to identify leaks before they become major problems

### . Public Health

 To automate reminders and follow-up communications for patients, so that staff do not have to send emails or make calls.

### Legal discovery

 To automate the review of large volumes of legal documents to identify relevant information so that the legal team can reduce the amount of time on discovery and review of contracts

### Public Safety

 to auto-fill data from public safety reports in hopes to reduce paperwork for officers and other administrative staff

### Real Property

 to streamline the processes for building and all types of permits so that decision makers can have the information and make decisions faster

### Other Use Cases



- Automating FOIL requests (redactions)
- Creating communications for public relations, social media posts and county articles
- Streamlining traffic analysis and enforcement
- Digitizing historical records
- Language translation
- . Enhancing road maintenance through Al-driven data analysis
- . Improving budgeting and statistical analysis with predictive algorithms

### Use Cases



Article Writing
Podcast Summary



The podcast cover image for this The Future in Cantext (TFIC) episode shows an Al-generated political cartoon of a joke told the county executive and mayor that they should have carpooled. (DALL-E)

Show Note

Here are the top five takeaways from this episode

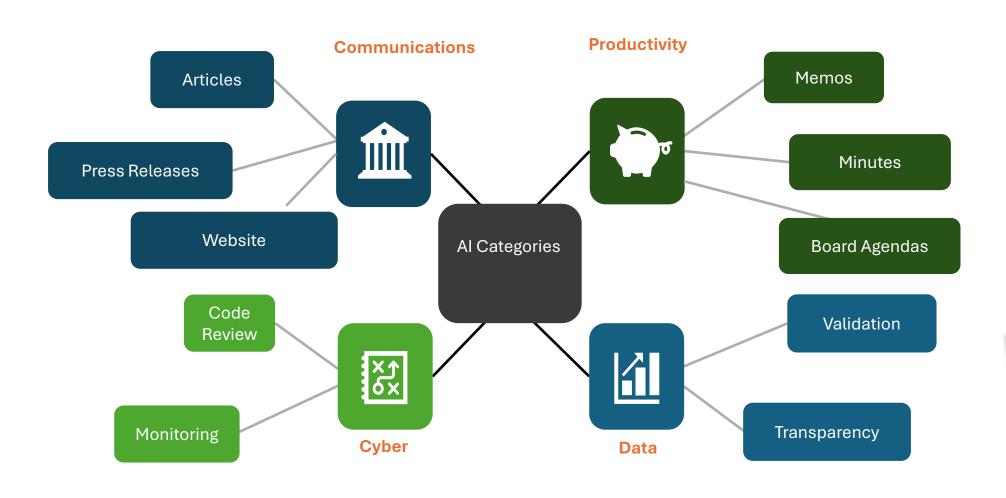
- 1. The Revival of Public Officials of the Year: Greenblatt discusses the return of Governing magazine's Public Officials of the Year awards after its print edition was discontinued in 2019. The awards celebrate individuals who have made significant contributions to state and local government. The focus is on recognizing solutions rather than highlighting conflicts or scandals.
- 2. Collaborative Leadership in Milwaukee: David Crowley, Milwaukee County executive, and Mayor Cavalier Johnson are highlighted as prime examples of close political collaboration. Their longstanding relationship and cooperative work have led to legislative successes, like allowing Milwaukee County to raise local sales taxes, which has helped address long-standing budget issues. The tweer together so often that they joked they should have carpooled.
- 3. Systemic and Long-Term Vision: Crowley is praised for taking a long-term, systems-based approach to governance. His focus on integrating various government initiatives (housing, health, etc.) under a strategic vision contrasts with the short-term crisis management that often dominates government actic His approach is aimed at improving health outcomes, housing and other critic public services in Milwaukee.
- 4. Success in Reducing Homelessness With Housing First: Milwaukee County's

\*Our editors used ChatGPT 4.0 to summarize the episode in bullet form to help create the show notes. The main image for this story was created using DALL-E 3. Government Technology and Governing are both divisions of e.Republic.

Collaborative Governance Sparks Milwaukee Leadership Renaissance (governing.com)

# **Idea Generation**

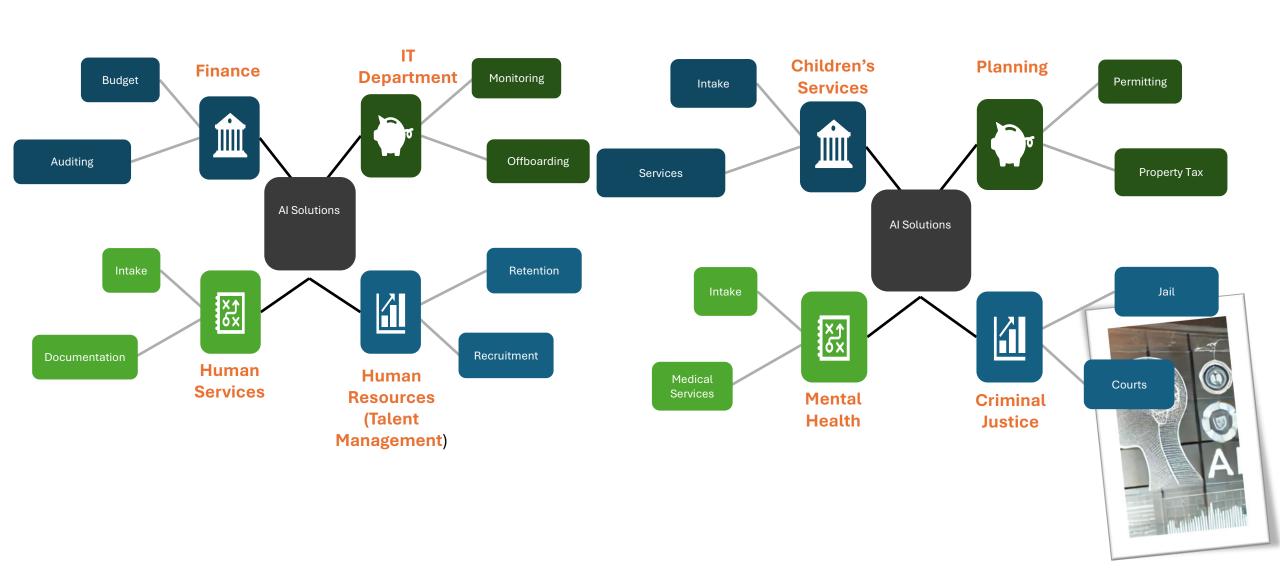






# **Idea Generation**



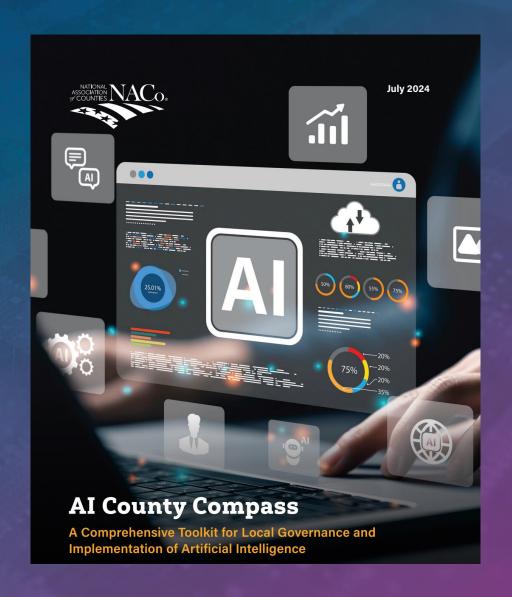




# **NACo Al County Compass**

 A Comprehensive Toolkit for Local Governance and Implementation of Artificial Intelligence









- Policy Framework:
  - Establish policy framework for GenAl
  - Review key legal considerations
  - Review and assess existing procurement policies





# Key sources include:

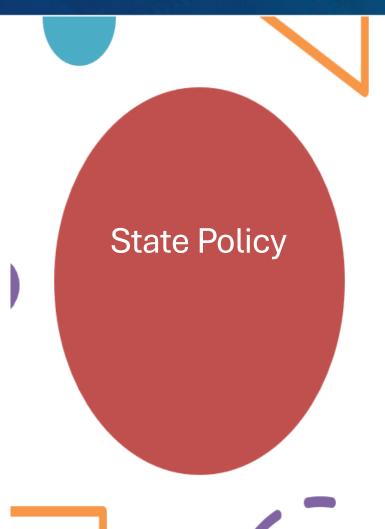
- Executive Order on Maintaining American Leadership in Artificial Intelligence (2019) – This order outlines the federal government's strategy to support AI innovation while addressing risks.
- National Al Initiative Act of 2020 This legislation establishes a coordinated national Al strategy and created the National Al Initiative Office.
- National Institute of Standards and Technology (NIST) AI Risk Management Framework – NIST is responsible for developing standards and guidelines to ensure AI systems are safe, secure, and reliable.
- Al Bill of Rights Introduced by the White House Office of Science and Technology Policy in 2022, this document highlights principles for the ethical development and use of Al.
- Reports and guidelines from federal agencies Various reports from the National Science Foundation (NSF), Department of Defense (DoD), and other federal agencies inform the government's AI policy.
- These documents reflect the current U.S. government's approach to balancing AI innovation with ethical, legal, and security considerations.



NACo Al Policy Platform

- Establish an intergovernmental governance structure that addresses the various uses of generative AI across different sectors.
- Dedicate a new information sharing analysis center (ISAC) for the creation of resource hubs and task forces, and development of an ongoing communication channel for intergovernmental coordination.
- Provide direct funding assistance to promote digital literacy and best practices, assistance for counties and workforce development.
- Dedicate support mechanisms to federal and local government agencies promoting the use of AI for public services.
- Mitigate the negative uses of generative AI in the elections space.
- Strengthen funding resources and regulatory oversight at independent agencies such to combat mis and dis information geared towards consumers.
- Implement federal guidance clarifying that liability for outputs causing discrimination rests with the owners and operators of AI models.
- Adopt and disseminate data privacy governance standards and best practices across all levels of government.
- Require public engagement and participation in AI policy-making processes to ensure the voices of diverse stakeholders are heard and considered.





#### State of AI: An Interactive 50-State Tracker

Click on a state to discover more about how it's adopting and regulating AI in government through task forces, leadership roles, policies, projects and restrictions.



Source: <u>U.S. Census Bureau 2021 boundaries</u> • Updated Jan. 10, 2025. Visualization by Nikki Davidson. This map is a work in progress and may not be exhaustive. If you are aware of an Al initiative not currently displayed, please contact pdavidson@erepublic.com

Al Tracker: States Get More
Explorative, but Cautious
(govtech.com)



Source: <u>U.S. Census Bureau 2021 boundaries</u> • Updated Oct. 3, 2024. Visualization by Nikki Davidson.
This map is a work in progress and may not be exhaustive. If you are aware of an Al Initiative not currently displayed, please contact



Al Tracker: States Get More
Explorative, but Cautious
(govtech.com)

Idaho	
AI Taskforces or Councils	The state has created an Artifical Intelligence Advisory Council Learn More
Al Framework	
Al Inventories	
Legislatively- Mandated AI Projects	
Al Office	
AI Leadership	
AI Use Restrictions For Government Workers	Idaho law clarifies that environmental elements, AI, animals, and inanimate objects do not have personhood status, while maintaining the legal personhood of existing entities. Learn More
AI Training	





The Al policy provisions adopted by the Board on Sept. 19 include:

**Data Privacy and Security** – Staff must comply with all data privacy and security standards, including protecting personally identifiable information and protected health information.

**Informed Consent** – Members of the public should be informed when they are interacting with an A and have an "opt out" alternative.

**Responsible Use** – Al tools and systems shall only be used in an ethical manner.

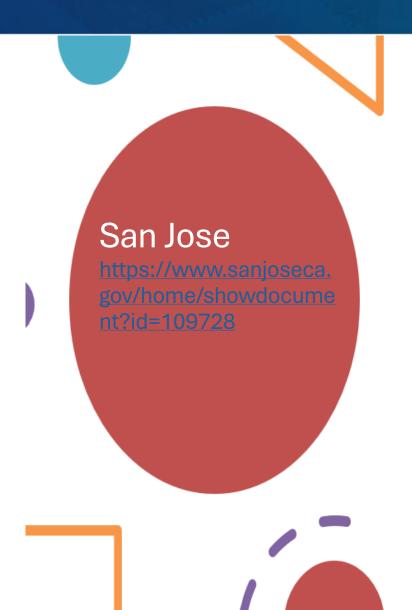
**Avoiding Bias** – All practices should be monitored for bias and regularly reviewed to ensure fairness accuracy.

**Decision Making** — Al tools should not be used to make impactful decisions.

**Accountability** – Employees are solely responsible for ensuring the quality, accuracy, and regulator compliance of all Al-generated content utilized in the scope of employment.

https://www2.santacruzcountyca.gov/personnel/vpolandproc/ProceduresManual/PM6476.pdf





- Guiding Principles for responsible use
- Al Roles and responsibilities related to the agency's use of Al systems
- Al Review process for Al procurements
- Requirement for vendors to complete an AI FactSheet or questions and comply with a Vendor Agreement template
- Al Incident Response Plan
- Prohibited uses of AI systems
- Sunset procedures for Al systems
- Policy enforcement





#### Guidelines:

- Don't enter confidential or personal information into AI systems. Your input may be subject to public records requests, visible to the company, or vulnerable to data breaches.
- Always review, revise, and fact-check Al output. You're responsible for what you create using Al, and some tools, like ChatGPT, only use data up to a certain point (e.g., 2021). Cite and document your use of Al.
- Cite and record your usage of Generative Al. See how and when to cite in the "Citing Generative Al" section. Record when you use Generative Al through this form.
- Use a separate account for City work to keep public and personal records distinct. You're responsible for complying with the terms if the City doesn't have a formal agreement with the system you use.
- Follow any additional rules from your department and consult your manager if unsure.

### **Ethics In Action**





- Ethical Framework:
  - Fairness and impartiality
  - Transparency
  - Privacy
  - Accountability

### **Ethics In Action**





### NACo Al Leadership Academy Empowering County Government Leaders for the Future

Duration: 6 Weeks Oct 30 - Dec 20

Format: Completely Online

About the Program: The NACo Al Leadership Academy is an innovative program designed to equip frontline county government leaders with the knowledge and tools to understand and utilize Al, enhancing operational efficiency, organizational effectiveness, and value for their constituents.

NACo Artificial
Intelligence (AI)
Leadership Academy
As was collaborate readeres progrim on the A
county planery

**Curriculum Highlights:** Developed by the Professional Development Academy in partnership with NACo, this

program offers lessons from highly effective government leaders, proven industry executives, researchers, professors from top universities, and subject matter experts. An online Leadership Coach will guide participants through pressing issues such as understanding the power of AI, mitigating its risks, and navigating the complexities of change brought by AI.

#### **Program Features**

- Expert Moderation: Keeps participants on track.
- World-Class Faculty: Includes prominent leaders from public, private, and academic sectors.
- Practical, Actionable Insights: Immediate application to real-world challenges.

#### Six Practical Modules

- Introduction to Al: Explore Al's history, technologies, societal impact, and an Al playbook for leaders.
- The Promise & Peril of Al: Understand Al's unique opportunities and challenges in the digital transformation era.
- Your Al Roadmap: Navigate Al's potential and pitfalls, set expectations, and measure stakeholder impact.
- 4. Leading People & Al: Lead digital transformation by focusing on people, not just technology.
- Al Optimization, Meaning & Purpose: Ground Al optimization in ethical awareness, regulatory compliance, customer safety, and workforce impact.
- What's Next, Three Horizons: Plan, operationalize, and leverage projects, programs, and progress over three horizons.

Enhance Your Leadership: Demystify AI with practical cases, frameworks, and tools. Increase your confidence to lead with AI for good governance.

Learn More and Enroll Today: NACo Al Leadership Academy

Olick <u>here</u> to learn about NACo's Enterprise Cybersecurity Leadership Academy of the state of t

 $\label{lem:click} \begin{tabular}{ll} Click $\underline{here}$ to learn about the NACo High Performance Leadership Academy - $\underline{https://www.naco.org/page/high-performance-leadership-academy} \end{tabular}$ 

Transform your leadership and your county with NACo's AI Leadership Academy.

# **Applications In Action**





### Applications Framework:

- Review and evaluate use cases
- Familiarize with federal resources
- Practice robust data governance
- Regularly assess resources
- Update cybersecurity measures
- Design procedures for data training
- Determine software, hardware, and procurement standards

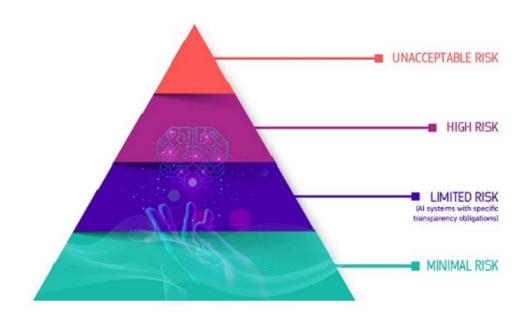
# **Applications In Action**





### A risk-based approach

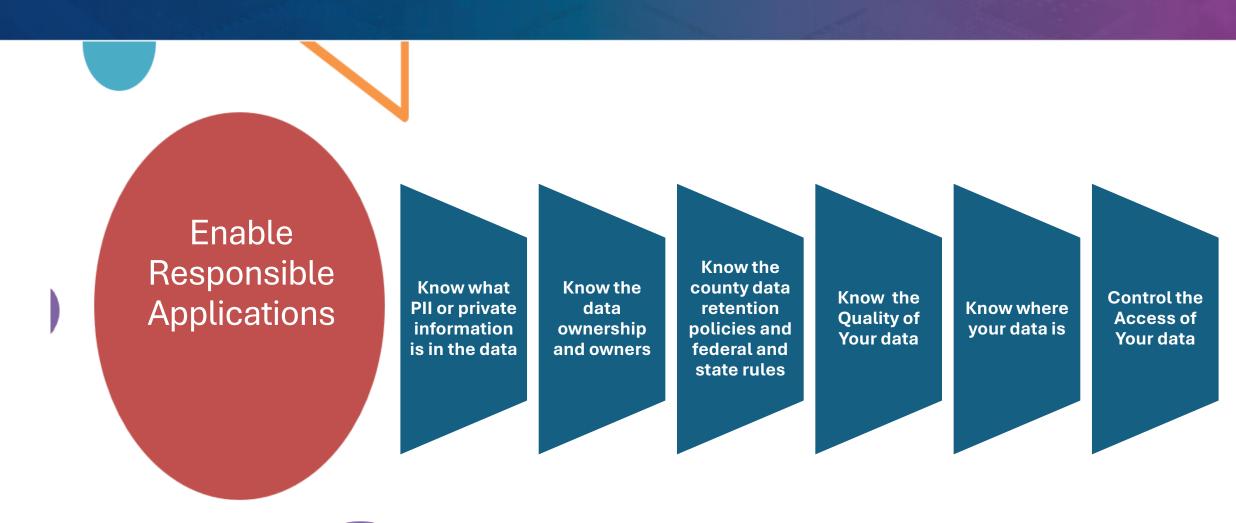
The Regulatory Framework defines 4 levels of risk for AI systems:



Examples: Low Risk – Press Release High Risk – Mental Health Evaluations

# **Applications In Action**





### Workforce In Action:





- WorkforcePreparation:
  - Focus on skills development and training
  - Consider skills acquisition options
  - Develop a multi-year workforce strategy
  - Inform and seek feedback from workforce

### Workforce In Action:





### Workforce Preparation Using GenAl:

- Redo Job Descriptions
- Create quick and creative Recruitment Ads
- Update Applications
- Refresh Onboarding Documents
- Develop career growth plans

### Workforce In Action:





### Relearn, Reskill, Retain

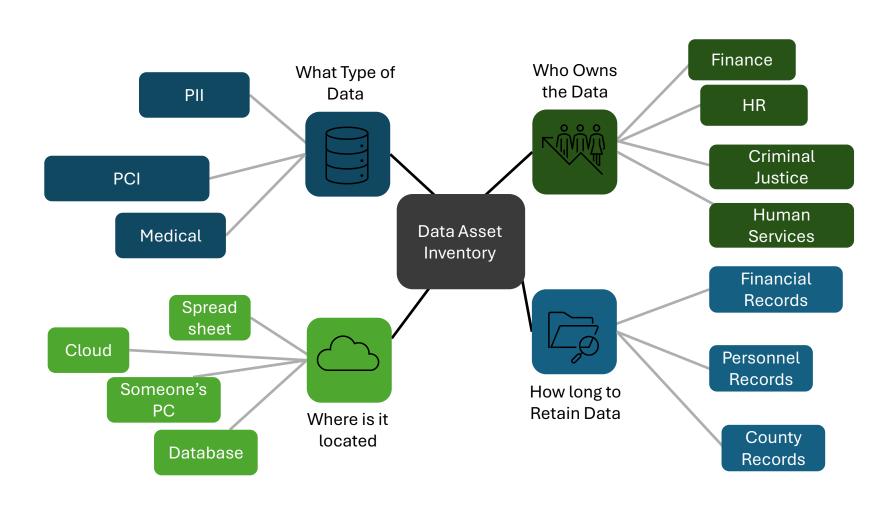
- Microsoft 2 <u>Generative Al for</u> Beginners (microsoft.github.io)
- LinkedIn <u>Career Essentials in</u> <u>Generative AI by Microsoft and</u> <u>LinkedIn | LinkedIn Learning</u>

Al is not going to replace humans, but humans with Al are going to replace humans without Al



# Data Asset Inventory





# What Are Your Next Steps



### 1. Consider Conducting a Table-Top with your departments

Break into groups of six – best by department **Ask Questions** Identify the manual process or something that is time consuming Identify risk of automating Identify how to address that risk What is still paper? What is automated but requires extensive human intervention? What is time consuming? Where can data be applied better



# What Are Your Next Steps

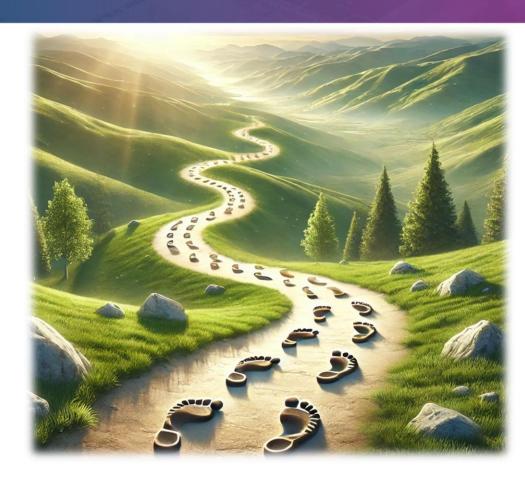


2. Sign up for the Al Leadership Course



3. Sign-Up for Webinars and online courses - NACo/Microsoft Partner Learning





# What Are Your Next Steps



### 4. Identify ways to use AI or GenAI (work with your IT)

### 5. Start small

- Use GenAl for meeting summaries, press release polishing, email word smithing
- Use GenAl to create Ice Breakers
- Use GenAI to develop checklists, planning documents, job descriptions

### 6. Develop Guidelines

### Guideline Samples:

- Don't enter confidential or personal information into AI systems.
- Always review, revise, and fact-check AI output.
- Cite and record your usage of Generative AI.
- Use a separate account for County work to keep public and personal records distinct.
- Follow any additional rules from your department and consult your manager if unsure.



# **Thank You Idaho Attendees**







Questions can be directed to

Rita Reynolds at rreynolds@naco.org