



WELCOME TO

# Reimagining Outreach: How AI Can Help You Connect, Inform, and Inspire

2026 FSA Conference

Presented by: [Kelly Flowers Hass](#)

100% Employee Owned

2026 Jones Edmunds





**Kelly Flowers Hass**

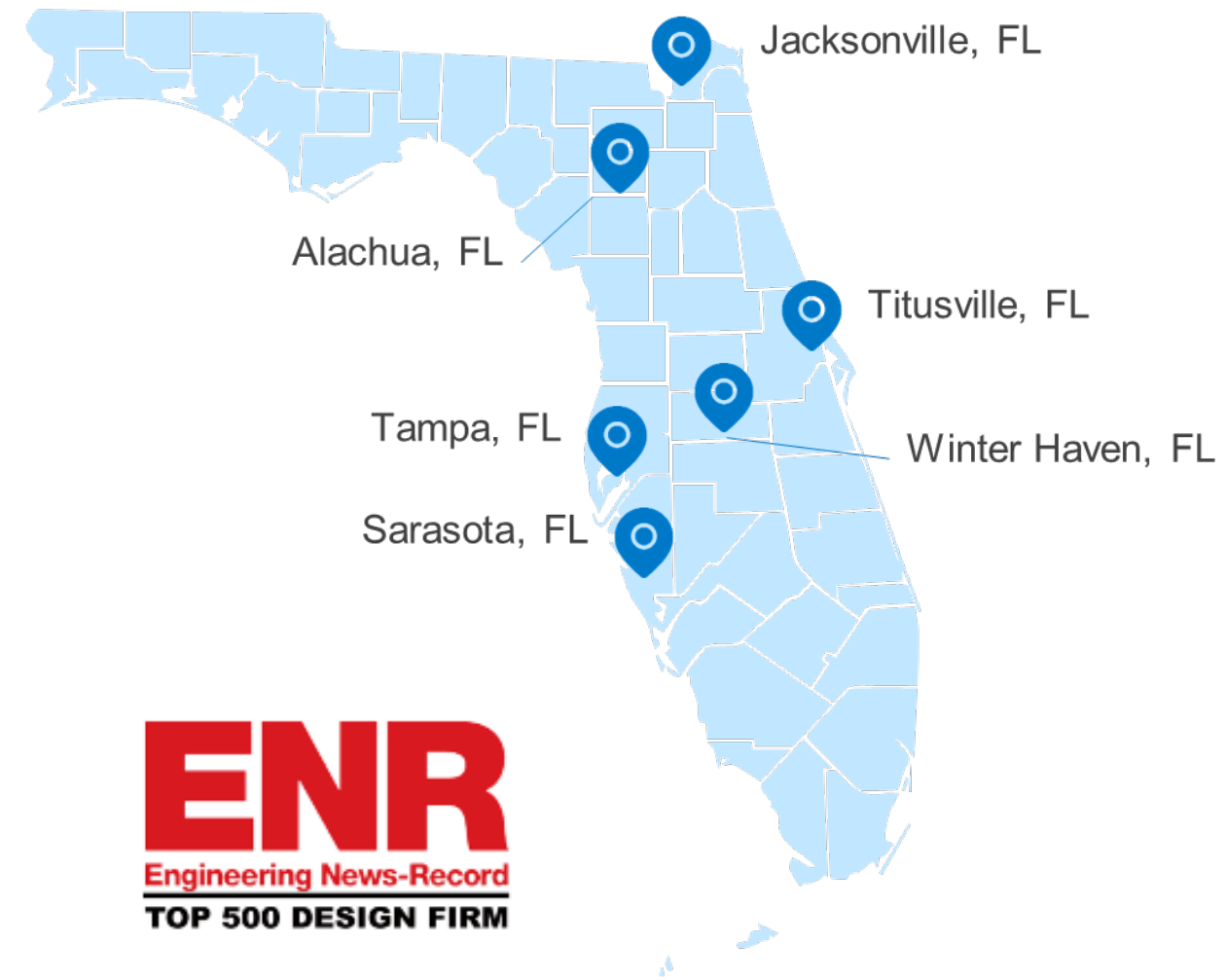
# Background

Integrity • Knowledge • Service

 **52 Years**  
Established in 1974

 **100%**  
Employee Owned

 **Associates**  
160+



# The New Reality: Instant Expectations. Real-Time Response.

Communities expect answers immediately—especially during a storm.



## ASSESS

Information is constant

Calls, social media, field reports, sensors



## RESPOND

Speed matters

Delayed response =  
confusion + frustration



## ACT

Prioritization is a challenge

What's urgent?  
What do we communicate – when?



Real-time awareness

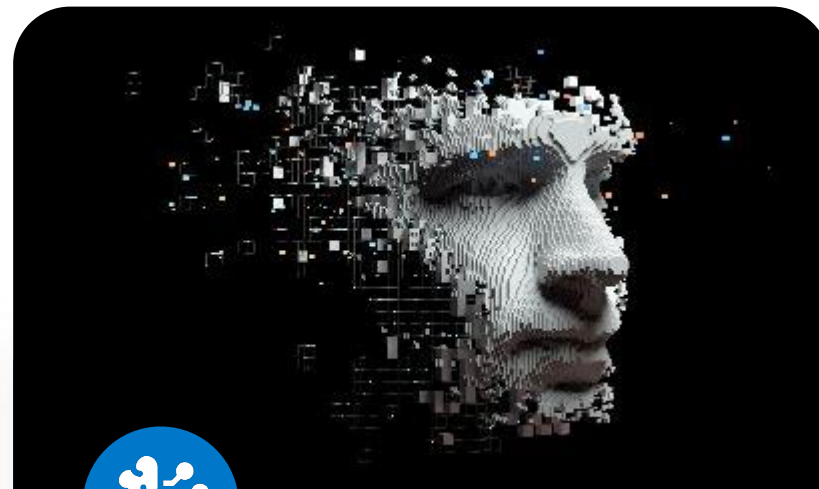


Faster decision-making



Smarter resource deployment

# Goal: Using AI to Connect, Inform, and Inspire



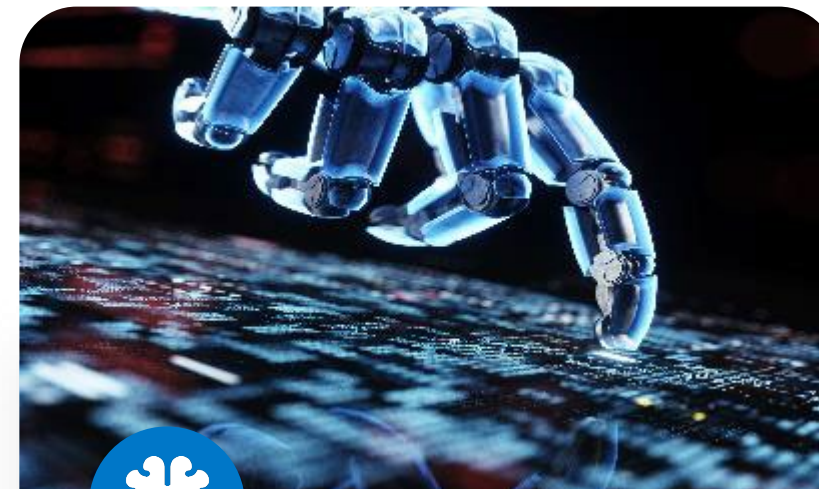
**AI Essentials**

01



**Applications and Prompts**

02



**Challenges**

03



**Implementation Strategies**

04

# What is Artificial Intelligence (AI)?



**Artificial Intelligence (AI)** is the simulation of human intelligence in machines, enabling them to analyze information, learn from data, and make decisions.



Think of AI as a smart assistant that automates complex processes, helping people organize data and make faster, more informed decisions.

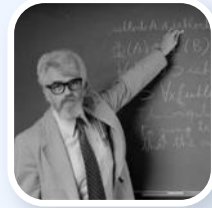


# Key Milestones in Artificial Intelligence



1950

Turing Test proposed



1956

Dartmouth Conference: coined "Artificial Intelligence"



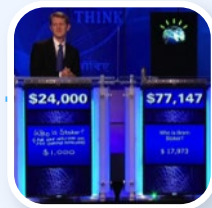
1966

ELIZA chatbot created



1984

First AI degree (Edinburgh)



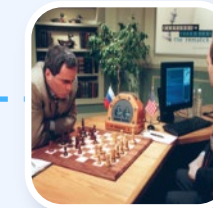
2011

IBM's Watson beats Ken Jennings in Jeopardy



2000s

Growth of machine learning and data-driven approaches fueled by the internet



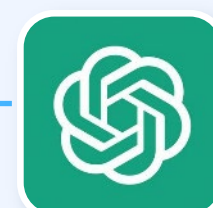
1997

IBM's Deep Blue defeats Garry Kasparov



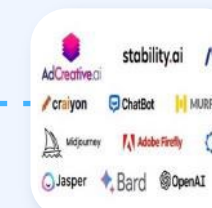
2017

Google invents Transformer Architecture



2020

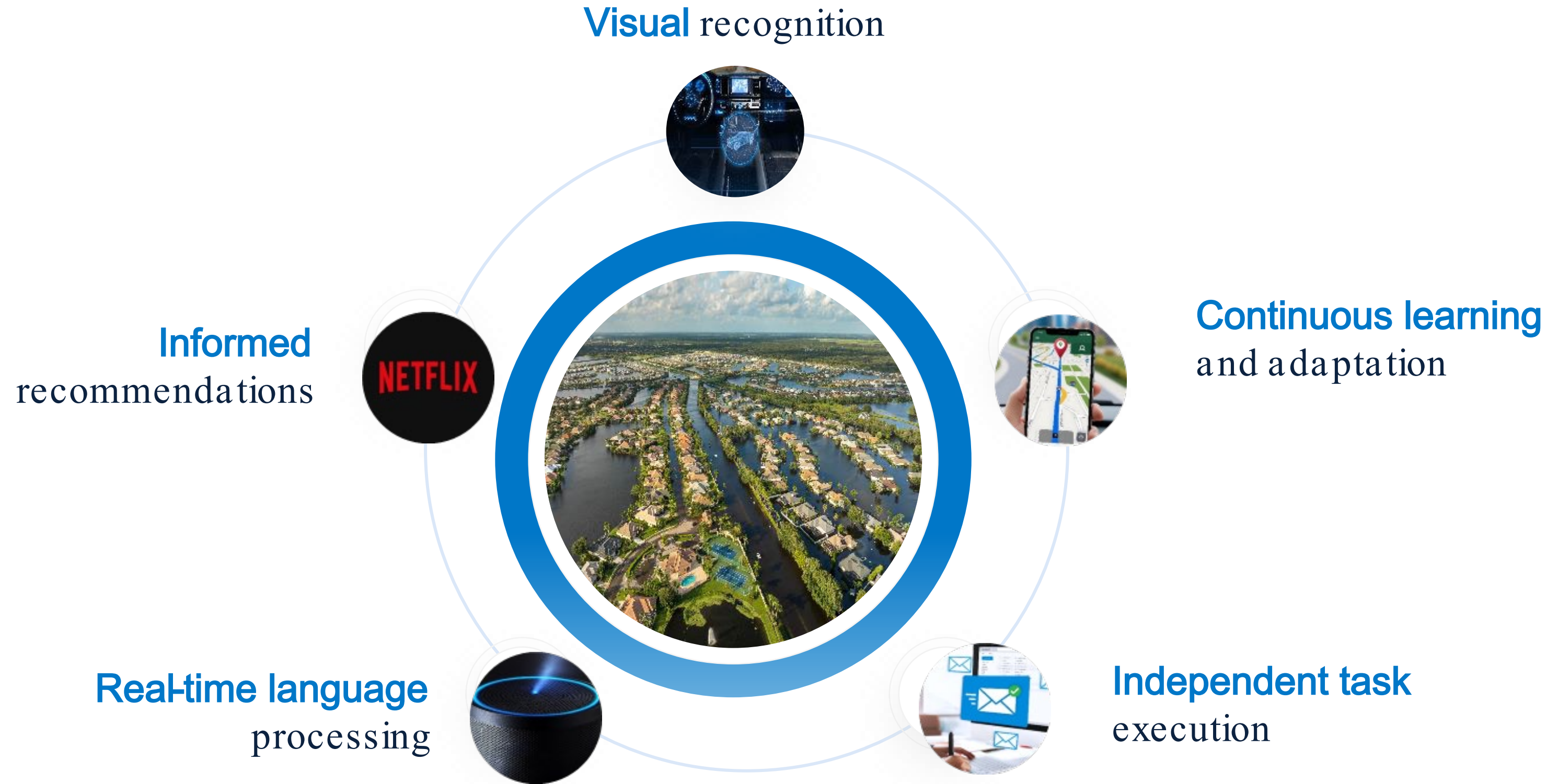
GPT – 3 Released

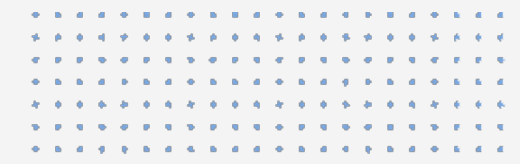


2022-2026

Explosion of Generative AI

# Capabilities of AI

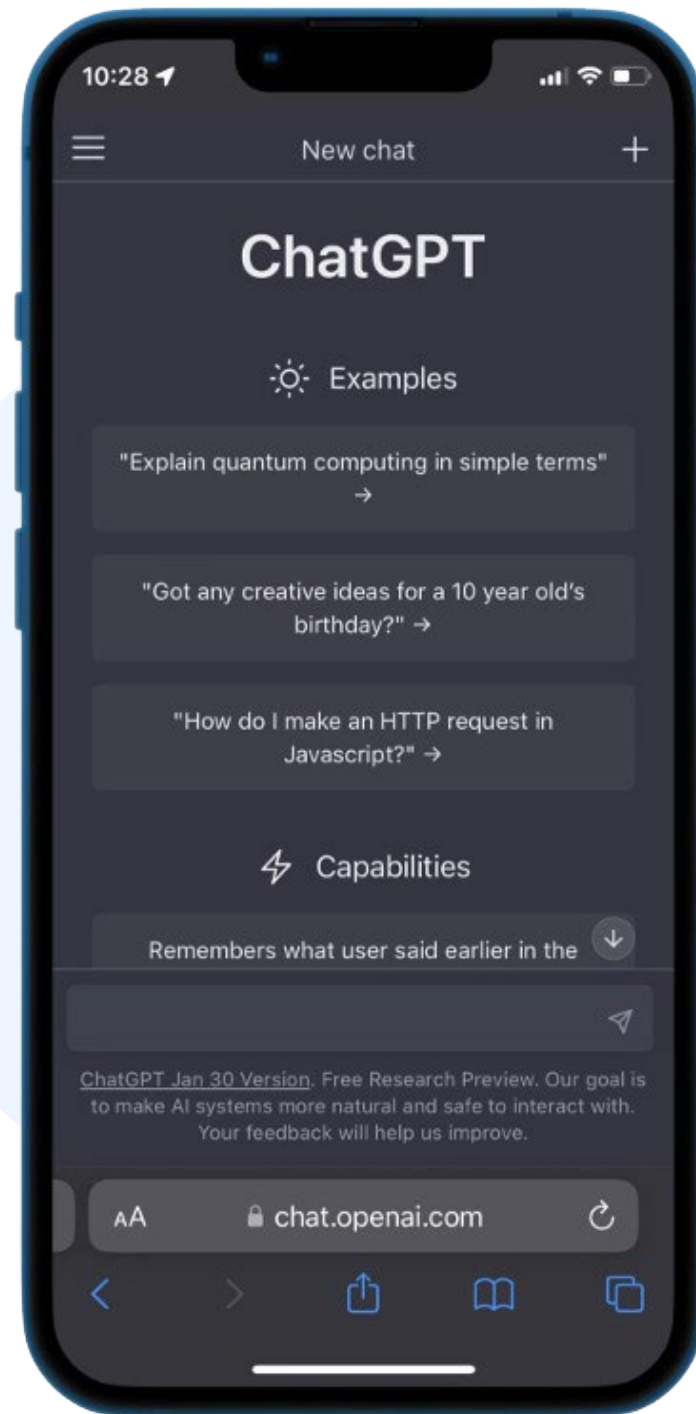




# Generative AI

Generative AI can create content such as text, images, or audio by learning from existing information.

# OpenAI's ChatGPT: From Launch to Transformation



**November 2022**

ChatGPT Launched  
1M Users In 5 Days

**August 2025**

AI Goes Mainstream  
800 Million Users Globally

**December 2015**

OpenAI was founded

**January 2023**

100 Million Users  
Fastest adoption  
technology in history

**2026**

AI Drives Infrastructure Demand  
Energy, Water, and Data  
Converge



# Chatbots: Ladies Rule



## Chatbot

An AI-powered assistant that communicates with users in real time by answering questions, providing information, and guiding decisions.



## Generative AI

Creates content



## Large Language Model

Understand and generates language



## Chatbots

Delivers it to people

# Why Prompting Matters

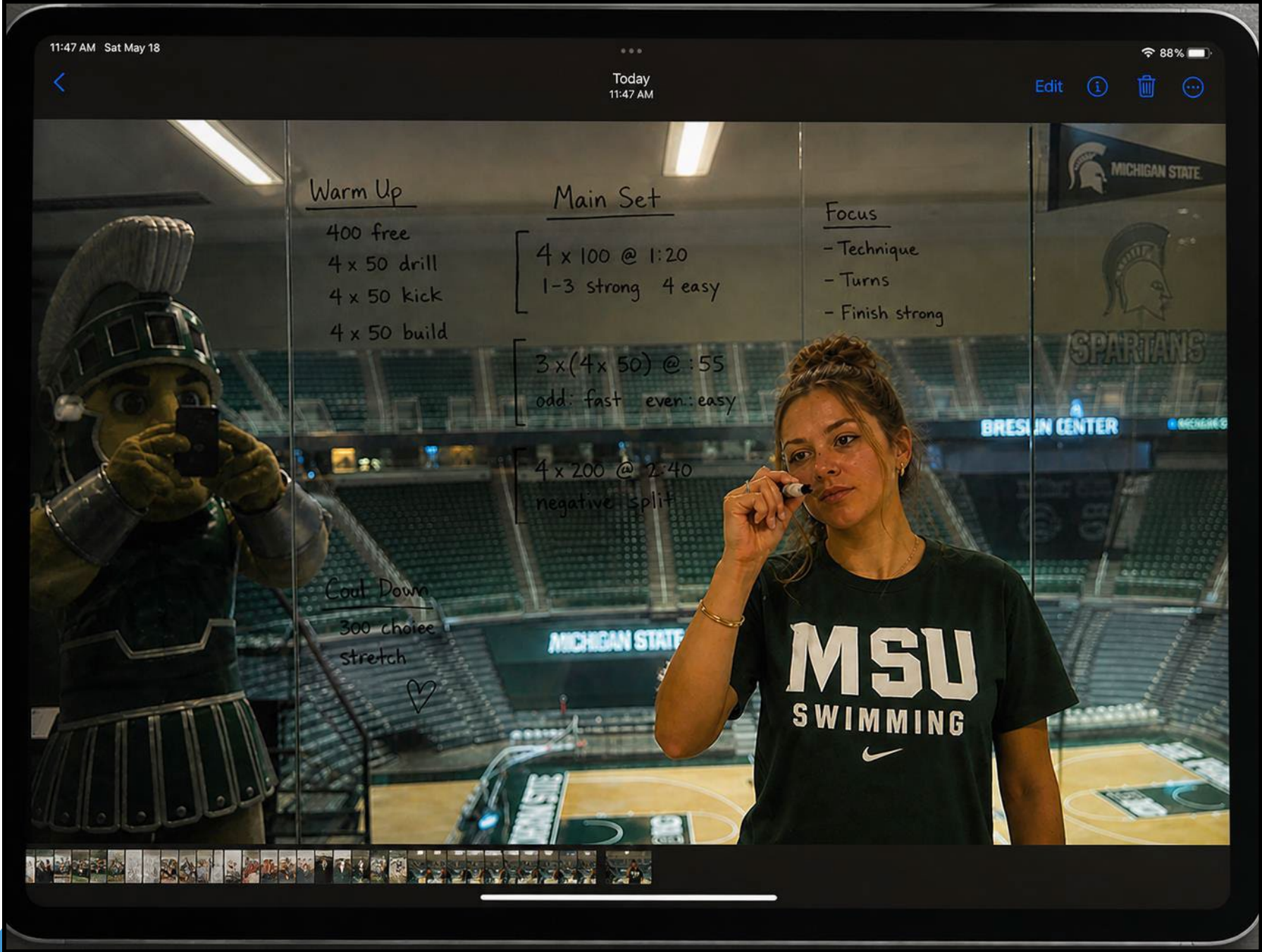


Please create a wide image taken with a phone of a glass whiteboard, in a room overlooking the basketball court at the Breslin Center. The field of view shows a woman writing, sporting a t-shirt with a large MSU Swimming logo. The handwriting appears natural and somewhat messy, and we see the photographer, Sparty the Spartan mascot reflected in the glass.

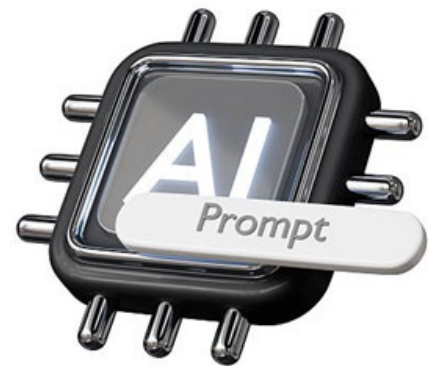
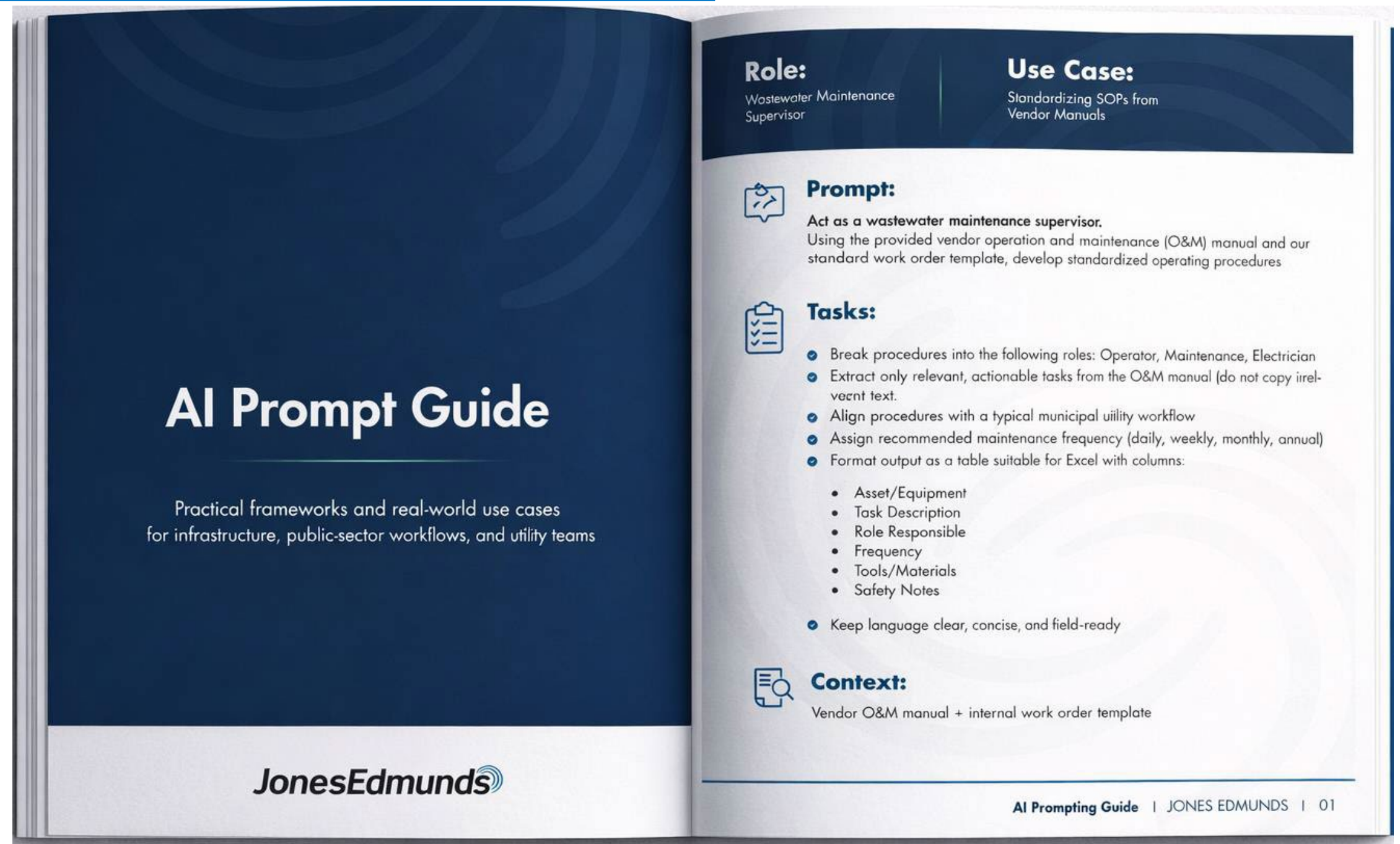
+ ask anything

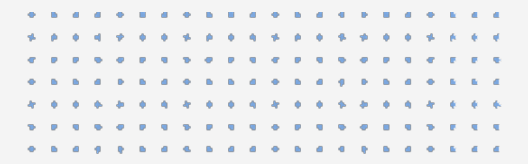


An AI prompt is an instruction or question you give an AI tool to tell it what to do.



# AI Prompt Guide





# AI Strategies





# DURING A STORM EVENT

AI-POWERED DETECTION. SMARTER ALERTS. FASTER RESPONSE.



# Use Technology to Scale Communication

New technology enhances our ability to communicate more effectively. Examples include:



## AI-Assisted Communication

- ✓ Translate technical reports into plain language
- ✓ Generate outreach materials - Storytelling
- ✓ Adapt messages for different audiences



## Digital Dashboards

- ✓ Real-time infrastructure monitoring
- ✓ Public transparency tools



## Interactive Maps

- ✓ Real-time infrastructure monitoring
- ✓ Disaster impact



# Clear Communication for Every Community



## What AI Does

- ✓ Translates alerts and notices in seconds
- ✓ Translates technical language for the public
- ✓ Language translation tools



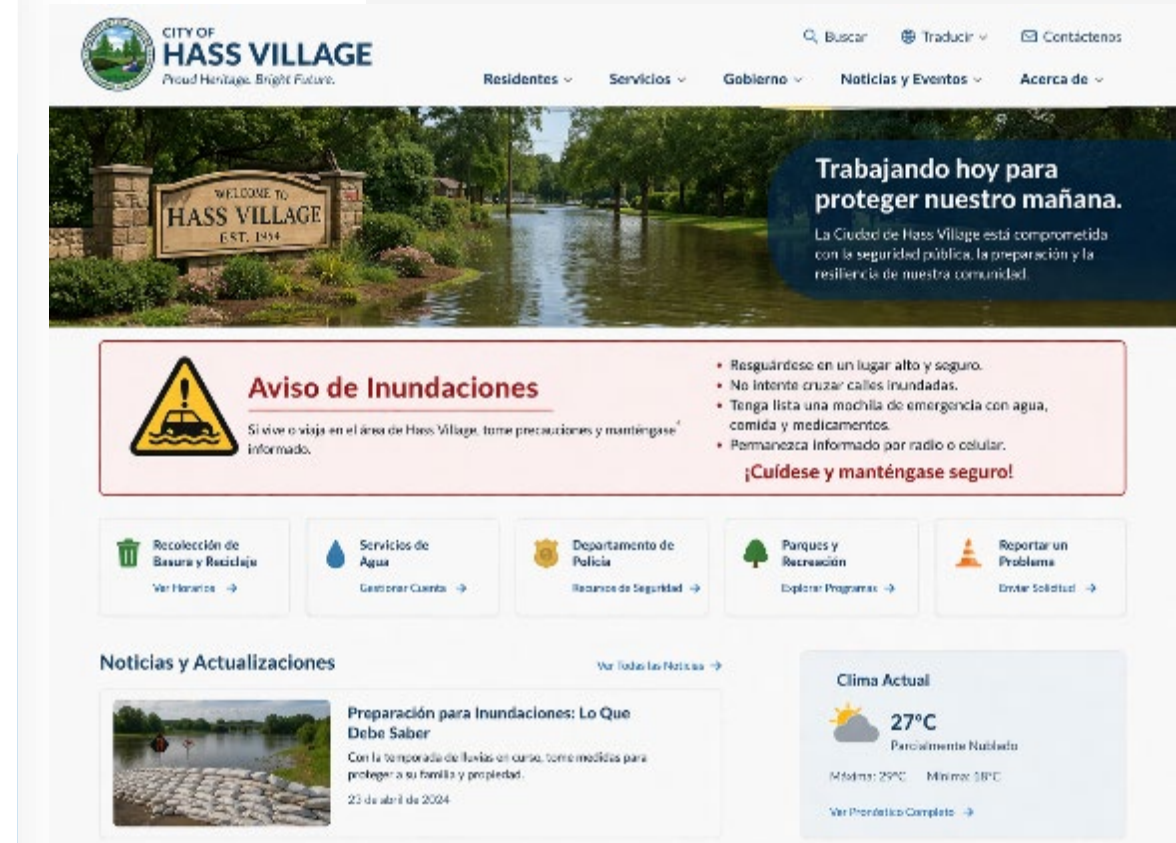
## Why It Matters

- ✓ People understand what to do – not just what is happening
- ✓ Reduces confusion during emergencies
- ✓ Equitable communication across diverse communities



## Where It Helps

- ✓ Flood warning and road closure updates
- ✓ Compliance -related public notices
- ✓ Emergency Communication – real-time storm response



## Example Prompt

*“Rewrite this flood advisory for residents in plain language. Translate into Spanish and Haitian Creole. Keep it under 100 words and include clear actions.”*



# Real Time Translation: Japan 2026

5:07

**震度4** 大仙市 北秋田市 にかほ市  
三種町 井川町 秋田美郷町

▲ 海・川から離れ 高いところへ!

青森県で震度5強

岩手・北海道に津波警報



岩手 大船渡 市駅

津波警報	▼第1波予想	▼最大予想
岩手県	すぐ来る	3m
北海道太平洋沿岸中部	20日午後 5:30	3m

津波注意報	▼第1波予想	▼最大予想
青森県太平洋沿岸	20日午後 5:20	1m
宮城県	20日午後 5:20	1m
北海道太平洋沿岸東部	20日午後 5:30	1m

大津波警報・津波警報 出たら



川をさかのぼって  
内陸に被害及ぶことも

河口・河川にも近づかない!



20日16時53分35 | M7.4



津波警報
津波注意報

NHK ONE  
ニュース・防災



# Real World Translation: Japan 2026



# Understanding Public Input



## Collect

- ✓ Surveys
- ✓ Meeting notes
- ✓ Comments
- ✓ Social media



## Analyze

- ✓ Identify themes
- ✓ Concerns
- ✓ Sentiments



## Act

- ✓ Prioritize projects
- ✓ Adjust Communication



## Why It Matters

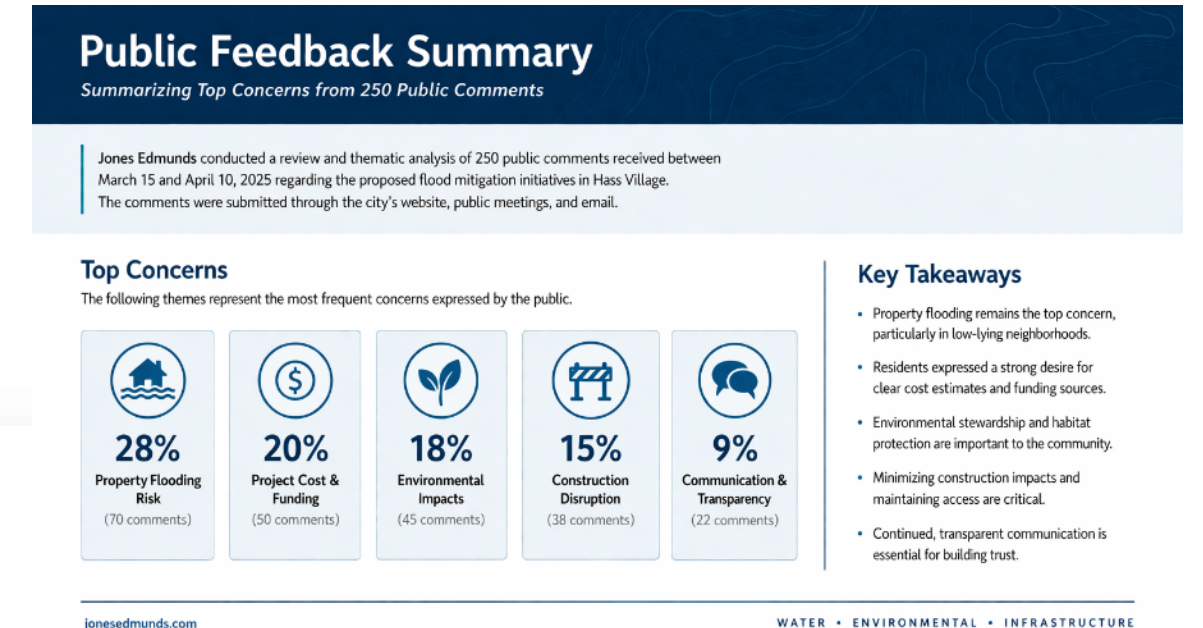
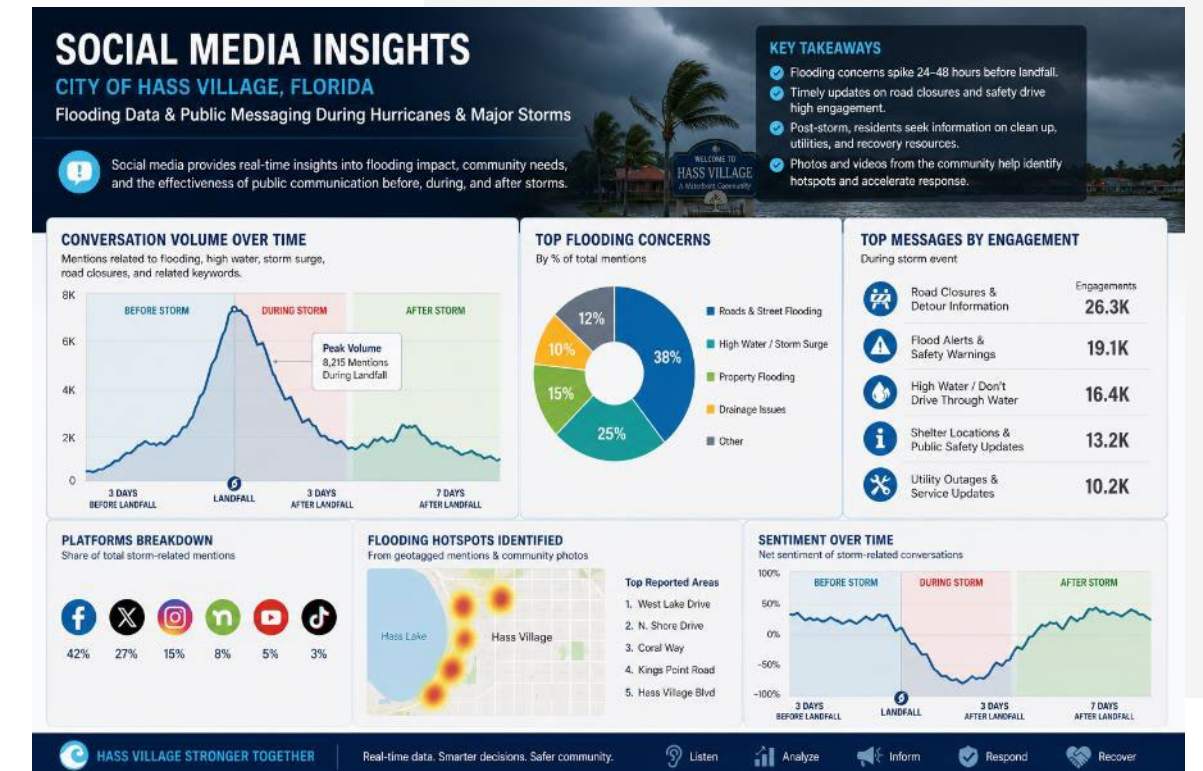
- ✓ See what the public cares about
- ✓ Catch concerns early (pre-escalation)
- ✓ Align projects with community priorities



## Example Prompt

*“Summarize top concerns from 250 public comments.”*

*“Identify key themes: flooding, costs, neighborhood impacts.”*



# American Social Media Usage

Right message. Right place. Right time.

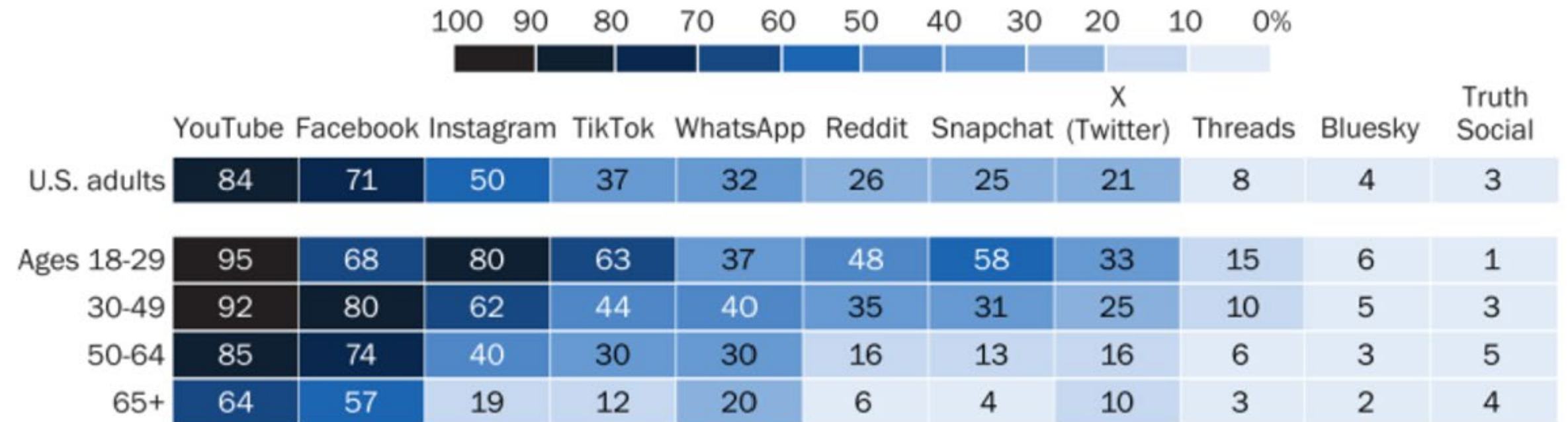
80%+ use at least one platform



## Key Highlights

- ✓ YouTube (84%)
  - Largest Reach
- ✓ Facebook (70%+)
  - Broad Audience
- ✓ Instagram (~50%)
  - High Engagement
- ✓ TikTok (~30%+)
  - Fastest-growing

% of U.S. adults who say they *ever* use the following



# During A Storm, This Is Where People Turn

Your Emergency Communication Network.



## Behaviors

- ✓ Users check platforms daily —often multiple times
- ✓ Over half get news from social media
- ✓ Mobile -first: information consumed in real time

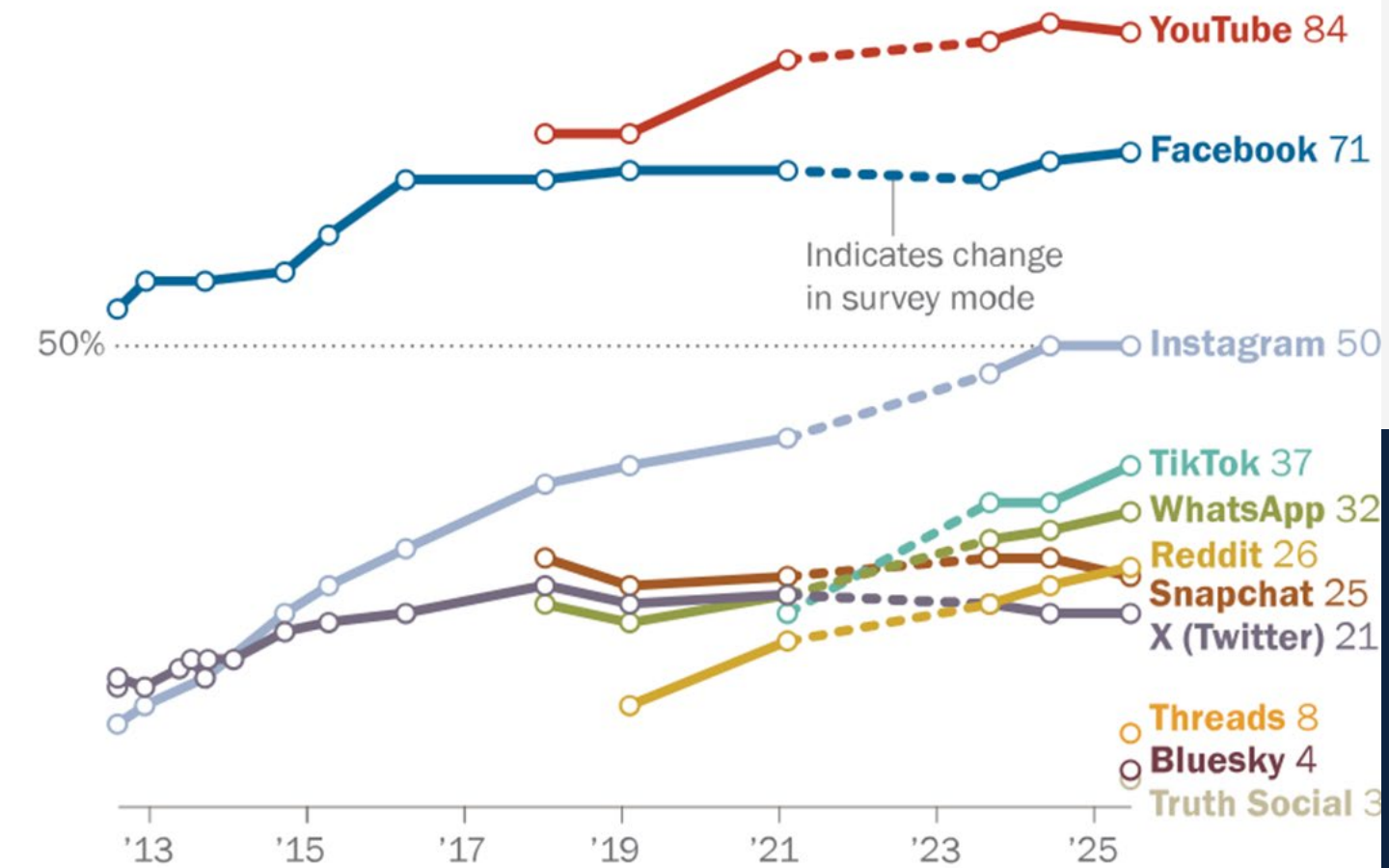


## What This Means

- ✓ Social media = primary communication channel
- ✓ Speed matters—minutes, not hours
- ✓ Messages must be clear, visual, and shareable
- ✓ One post is not enough—multi-platform delivery is critical

## TikTok, Instagram, WhatsApp and Reddit have continued to gain users in recent years

% of U.S. adults who say they *ever* use the following



Note: The dotted line indicates a change in mode. Polls from 2012 to 2021 were conducted via phone. In 2023, the poll was conducted via web and mail. In 2024 and 2025, the poll was conducted via web, mail and phone. Refer to the topline for more information on how question wording varied over the years. Not all platforms were asked about in the full 2013-2025 timespan. Those who did not give an answer are not shown.

Source: Survey of U.S. adults conducted Feb. 5-June 18, 2025. "Americans' Social Media Use 2025"

PEW RESEARCH CENTER

# Storytelling: Generative AI in Action



Example of generating and editing images using existing models to **more effectively communicate flooding risks**

Example: [Google Street View](#)

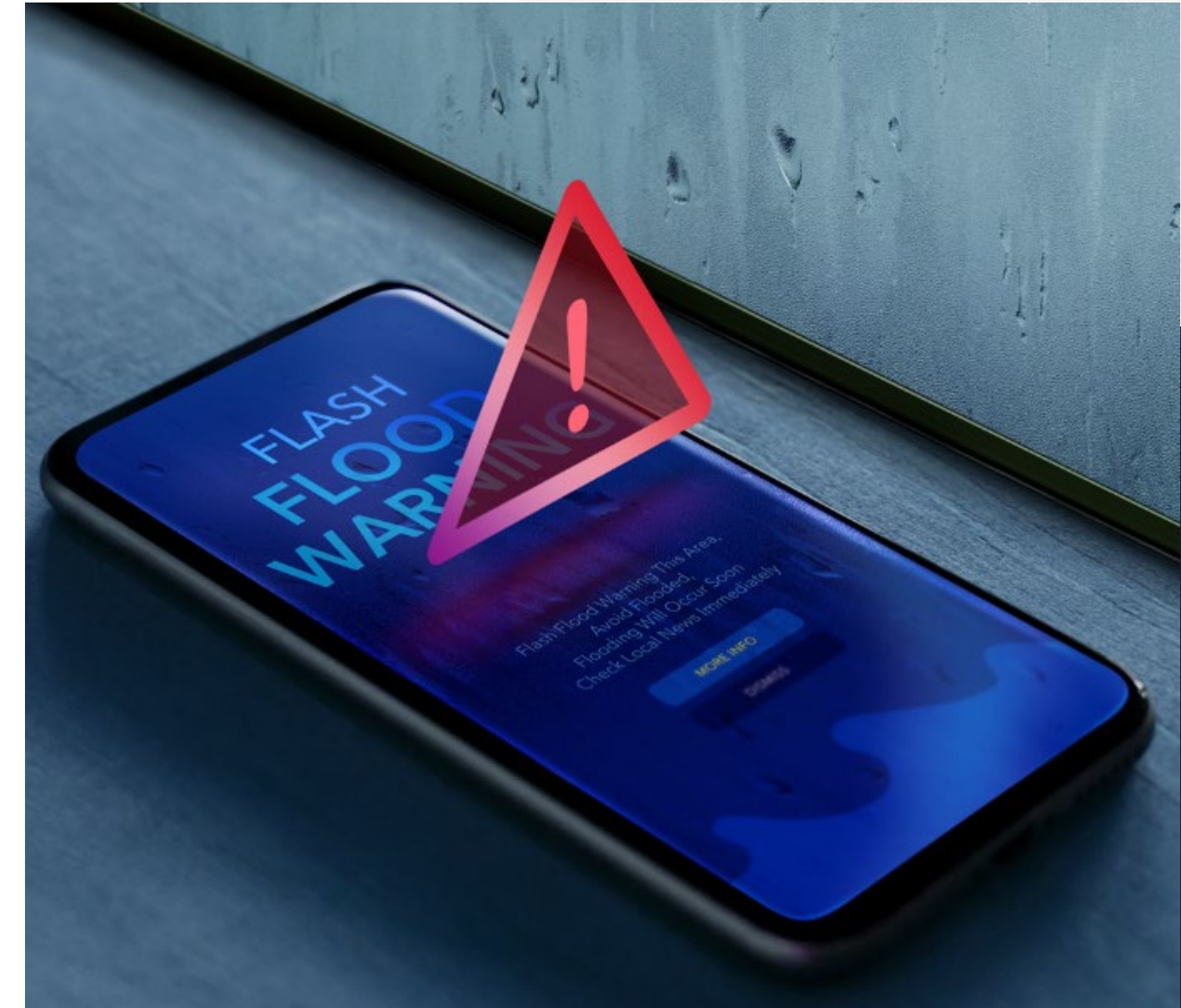
# Build Trust Before, During, and After the Storm

01 Stormwater decisions impact people in real time.

02 Professional communication should emphasize:

- ✓ Understandable
- ✓ Credible
- ✓ Transparent
- ✓ Engaged

03 Trust improves when technical experts **communicate clearly, consistently, and honestly**, especially when conditions are changing.



# AI Assisted Grant Strategy



## Why It Matters

- ✓ Increases likelihood of funding awards
- ✓ Reduces time spent rewriting applications
- ✓ Aligns projects to scoring criteria
- ✓ Helps smaller communities complete



## Purpose

- ✓ **ALIGN**  
Match projects to funding priorities
- ✓ **STRENGTHEN**  
Translate technical benefits into a fundable outcome
- ✓ **COMPETE**  
Position projects to score higher and stand out



## Example Prompt

*“Evaluate this stormwater project against FEMA BRIC and Resilient Florida scoring criteria. Identify gaps and suggest improvements.”*

*“Rewrite this project description to emphasize flood reduction, nutrient removal, resilience, and community benefit for grant scoring.”*



# Comparison of Language: Before AI and After Grant Application



Before (Engineer language):  
“Stormwater improvements to reduce runoff and improve conveyance.”



After (Fundable language):  
“Reduces flood risk for 250 homes, improves downstream water quality, and enhances community resilience to extreme rainfall events.”



# From Chaos to Clarity: AI in Storm Response



## Scenario Modeling and Disaster Simulations

Creating a digital twin for a cybersecurity attack.



## Timely and Accurate Updates

Automated alerts for road closures, power lines down, boil water notices



## Prioritize What Matters Most

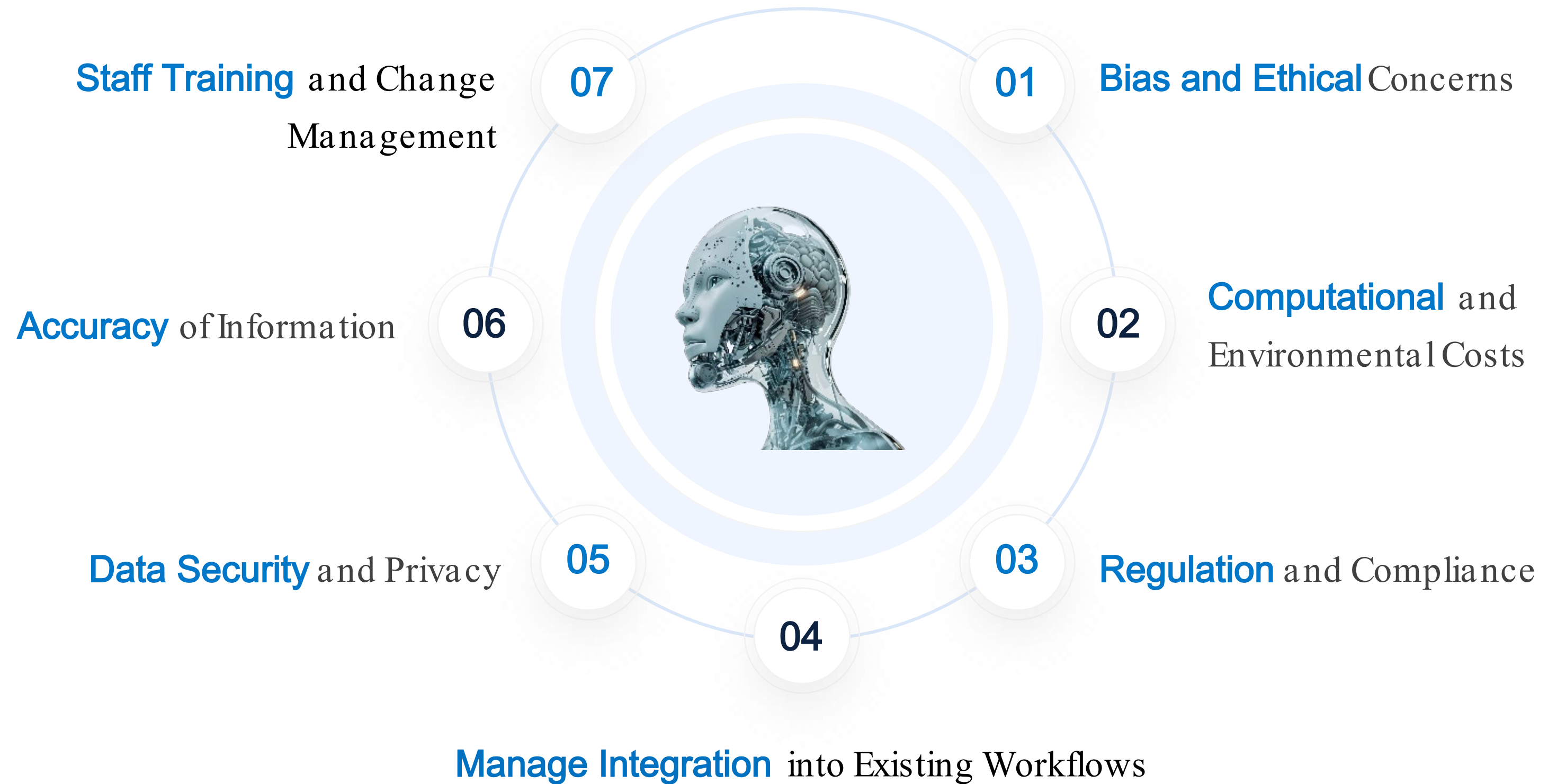
Prioritizing flooded intersections, lift stations, and outages



## Build Trust

Live updates with maps, timelines, and next steps

# Challenges of AI



# Public Outreach + AI Implementation Tips



## Start with a Clear, High Impact Outreach Need

- ✓ Small focused pilot projects (Public Meeting Summaries, FAQs)
- ✓ Identify communication gaps early (misinformation, confusion, low engagement)
- ✓ Focus on use cases that improve trust and participation



## Educate with Purpose

- ✓ Align AI with community goal and project outcomes
- ✓ Train teams to translate technical information into clear public facing language
- ✓ Stay adaptable technology innovation evolve quickly



## Engage Workforce Early

- ✓ Communicate how AI supports– not replaces – public engagement
- ✓ Build internal champions
- ✓ Involve staff in message development, review and quality control



# Let's Continue The Conversation



# 2:17 AM

A storm system has stalled over your community.

Rainfall is coming down faster than expected.

Your gauges are lighting up.

Calls are starting to come in.



There's a low-lying intersection— you already know it's a problem spot.



But now the questions start:

- Is it already flooding?
- How bad will it get?
- Do we alert the public now— or wait for confirmation?
- Where do we send crews first?

Meanwhile...

Residents are posting on social media.

Pine St is IMPASSABLE!



It's fine here. Just heavy rain.

Water coming up fast near the park!



Your team is working hard— but the information is coming in faster than it can be processed.



And here's the reality...

You don't have a data problem.

You don't have a capability problem.

**You have a time problem.**

What if—within minutes—

Rainfall spikes were automatically flagged



That intersection was identified as high-risk



Crews were alerted before the first call came in



And the public received a clear, accurate message—right away



That's the shift we're talking about today.

Not replacing engineers. Not replacing judgment.

But helping you:

**CONNECT** with your community clearly

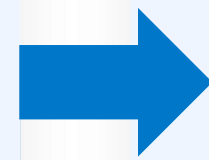
**INFORM** decisions with real-time insight

**INSPIRE** action—whether that's response or funding

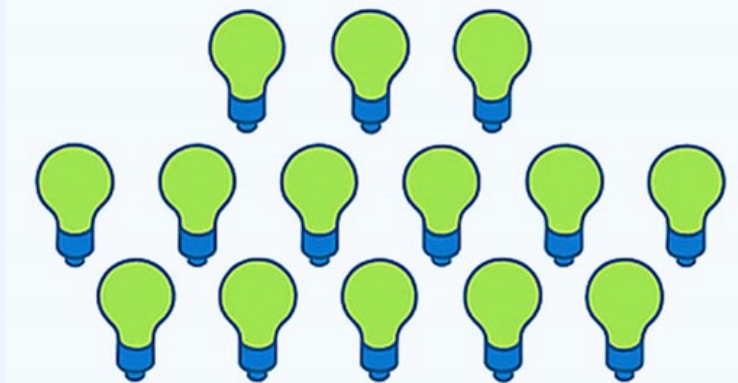
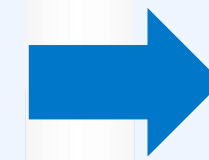
# How AI Interacts With Power: Search Footprint



A **100-word** email generated by an AI chatbot using GPT-4



Requires **0.14 kilowatt - hours (kWh)** of electricity



This is equal to powering **14 LED** light bulbs for **1 hour**