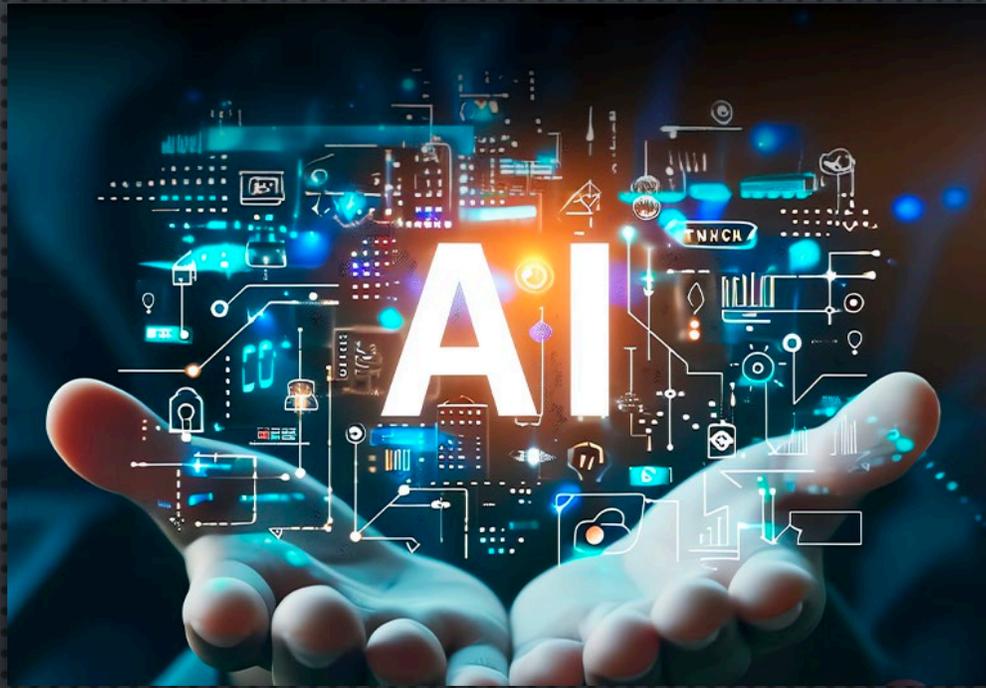


UTILIZING AI IN EMERGENCY PLANNING

GREG HAYES- METROPOLITAN EMERGENCY SERVICES BOARD

IF I COULD EMPOWER YOU TO INCREASE YOUR
INDIVIDUAL WORK OUTPUT BY AS MUCH AS 40%
WHILE MAINTAINING HIGHER ACCURACY IN
HIGH-PRESSURE SCENARIOS,

WOULD YOU BE INTERESTED?



ARTIFICIAL INTELLIGENCE TECHNOLOGY

FRIEND OR FOE????



HISTORICAL PERSPECTIVE

HOW WE HAVE WORKED.....

1980'S- ORIGINAL COMPUTERS FOR WORD PROCESSING



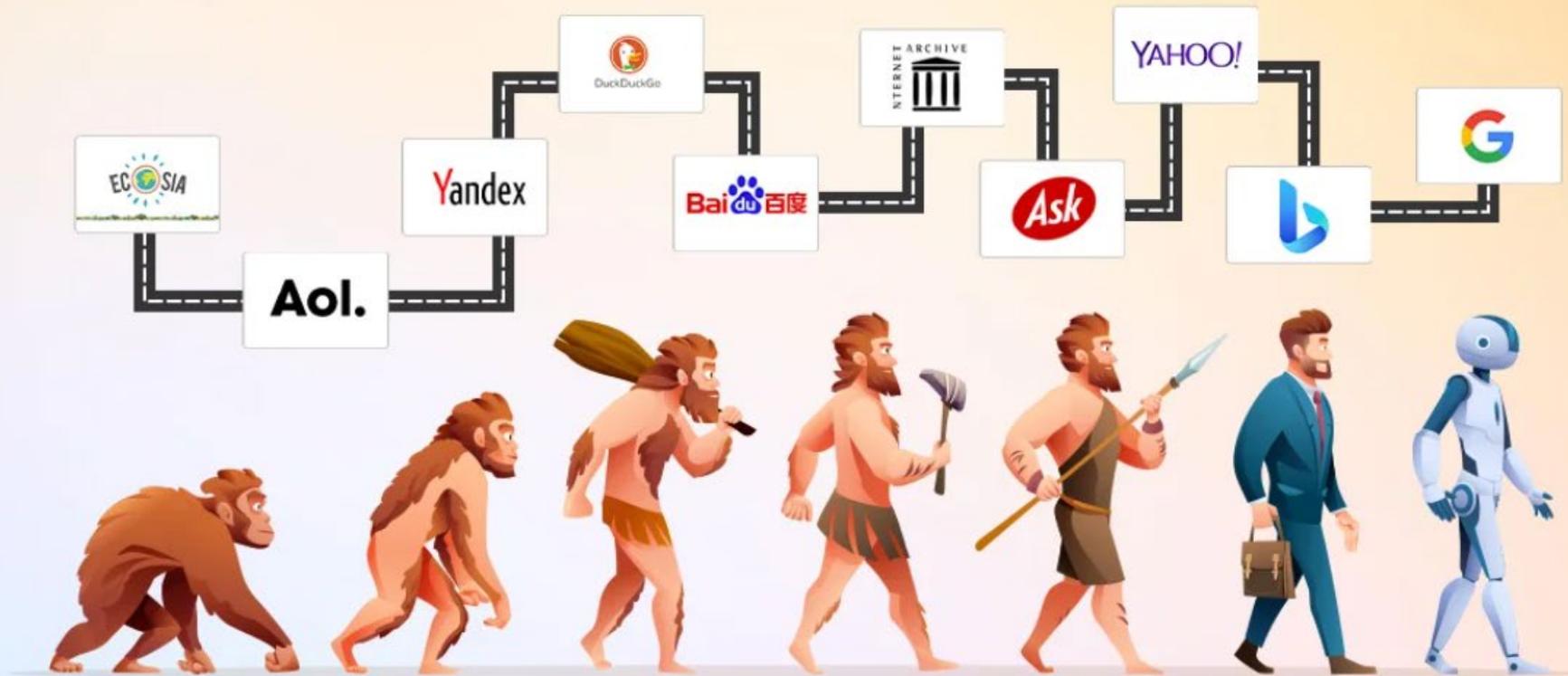
1990'S- A SIMPLE LOOK AT THE EVOLUTION OF SEARCHES

DIGITALGUIDER

f X in @ t p w e

HISTORY OF SEARCH ENGINES

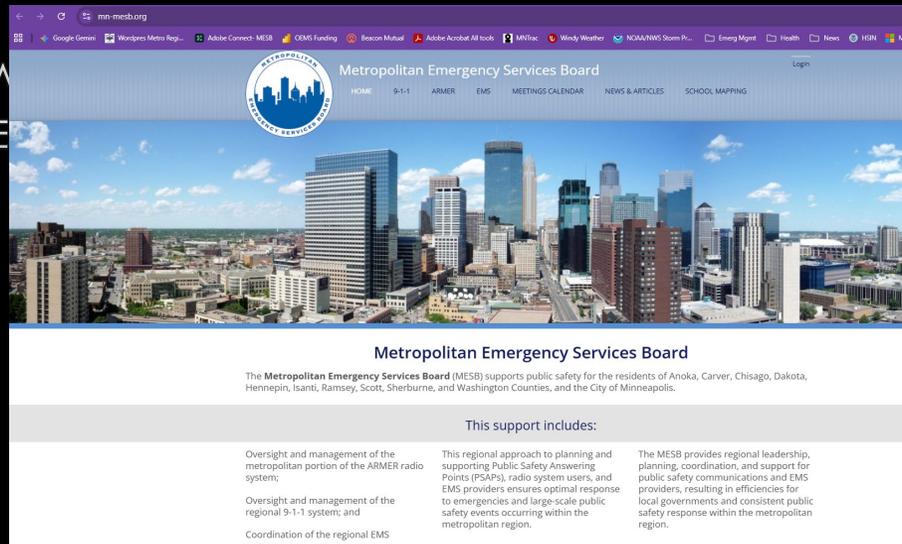
From the Early Web to Google SGE



Google

2000'S-WHEN WE
HAVE QUESTIONS AND
RESEARCH TOPICS

How W
ENGINE



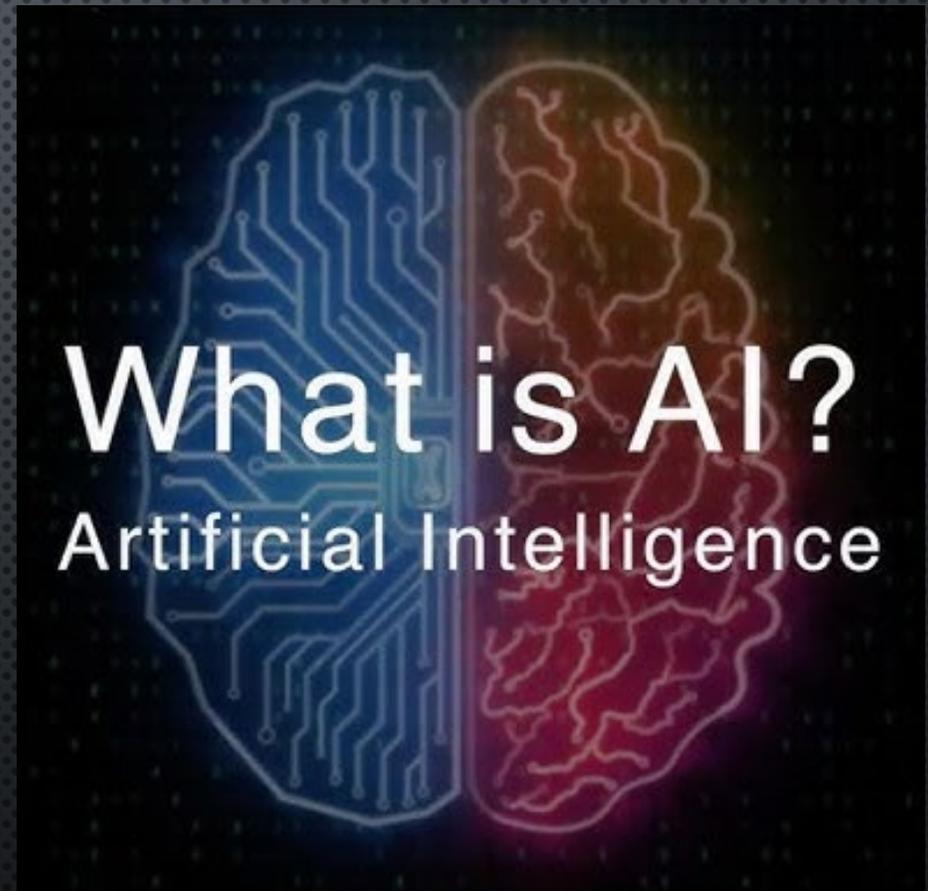
The screenshot shows the homepage of the Metropolitan Emergency Services Board (MESB) website. The browser address bar displays 'mni-mesb.org'. The website header includes the MESB logo, the title 'Metropolitan Emergency Services Board', and a 'Login' link. A navigation menu contains links for HOME, 9-1-1, ARMER, EMS, MEETINGS CALENDAR, NEWS & ARTICLES, and SCHOOL MAPPING. The main content area features a large cityscape image. Below the image, the text reads: 'Metropolitan Emergency Services Board. The Metropolitan Emergency Services Board (MESB) supports public safety for the residents of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, and Washington Counties, and the City of Minneapolis.' A section titled 'This support includes:' lists three bullet points: 'Oversight and management of the metropolitan portion of the ARMER radio system;', 'Oversight and management of the regional 9-1-1 system; and', and 'Coordination of the regional EMS system.' To the right of these points, there are two columns of text describing the board's regional approach to planning and support, and its role in providing regional leadership and support for public safety communications and EMS providers.

TODAY- ARTIFICIAL INTELLIGENCE
IS THE NEXT STEP IN EVOLUTION

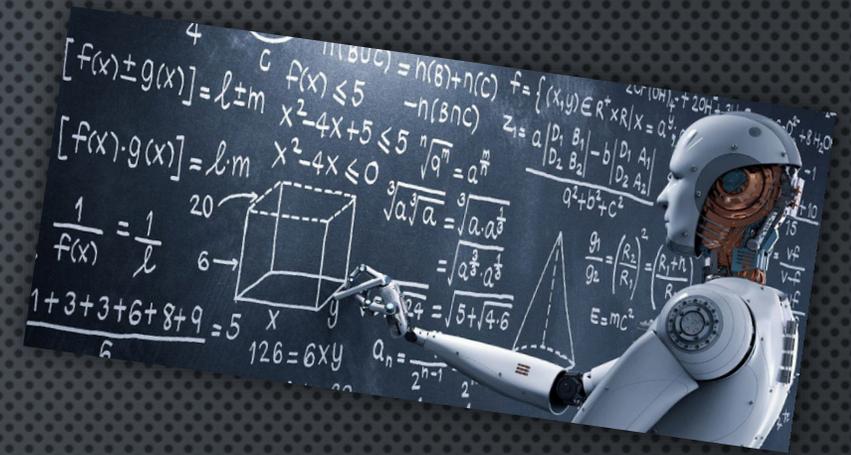
LOVE IT OR HATE IT

AI DEFINED- GOOGLE

ARTIFICIAL INTELLIGENCE (AI) IS A SET OF TECHNOLOGIES THAT EMPOWERS COMPUTERS TO LEARN, REASON, AND PERFORM A VARIETY OF ADVANCED TASKS IN WAYS THAT USED TO REQUIRE HUMAN INTELLIGENCE, SUCH AS UNDERSTANDING LANGUAGE, ANALYZING DATA, AND EVEN PROVIDING HELPFUL SUGGESTIONS.



AI COMPARISON



BENEFITS

- AUTOMATION
- REDUCE HUMAN ERROR
- ELIMINATE REPETITIVE TASKS
- FAST AND ACCURATE
- INFINITE AVAILABILITY
- ACCELERATED RESEARCH AND DEVELOPMENT

RISKS

- PRIVACY
- USER INPUTS ARE EXPOSED TO A COMPUTER SYSTEM OUTSIDE OF THE USER CONTROL.
- SAVED DATA COULD BECOME COMPROMISED.
- INACCURATE INFORMATION BASED ON THE MODELS USED BY THE AI ENGINE TO COMPILE RESULTS.
- LOSS OF CONTROL...

HOW CAN I UTILIZE THE TOOL

MAKING ALL OF US MORE EFFICIENT.

CURRENT WEB SEARCHES

AI Mode **All** Images Shopping News Videos Short videos More Tools

◆ AI Overview

Emergency preparedness planning involves **creating a strategy for potential disasters by identifying risks, establishing communication and meeting plans, preparing a disaster kit with essentials like water and food, planning evacuation routes, and practicing drills, ensuring everyone's specific needs (children, elderly, pets, medical) are considered for staying safe before, during, and after an event.** Key steps include making a communication plan, building a supply kit, and planning evacuation and sheltering-in-place, according to [Ready.gov](#) and [American Red Cross](#).



Key Components of an Emergency Plan

Show more

Ready.gov
<https://www.ready.gov> > plan

Make A Plan

Oct 23, 2025 — Make A Plan · **Step 1: Put a plan together** by discussing the questions below with your family, friends or household to start your emergency plan. [Read more](#)

Make A Plan | Ready.gov

Oct 22, 2025 — العربية English. Make a plan today. Your family may not be together if a disaster...



Ready.gov

Build A Kit | Ready.gov

Aug 20, 2025 — Basic Disaster Supplies Kit * Water (one gallon per person per day for...



Ready.gov

Ask AI Search Agent

4o mini GPT-4o Claude 3.5 Gemini

Unable to access GPT-4o mini

Upgrade to **Pro Plan** to get unlimited access to all models and unlock advanced features.

SIMPLE AI USE

Create an Emergency Plan for my nursing home located in Minneapolis, MN



Creating an emergency plan for a nursing home in Minneapolis requires compliance with both **Minnesota Department of Health (MDH)** regulations and federal **CMS (Centers for Medicare & Medicaid Services) Appendix Z** standards.

Below is a comprehensive framework tailored to the specific risks of the Twin Cities (such as extreme winter weather and tornadoes).

1. Risk Assessment (All-Hazards Approach)

In Minneapolis, your plan must prioritize the following high-probability hazards:

- **Natural:** Blizzards/Extreme Cold, Tornadoes, Flooding (Mississippi River proximity), and Heatwaves.
- **Technological:** Power outages, loss of water/sewer, and cyberattacks on electronic health records (EHR).
- **Human-Caused:** Active shooter, missing resident (Elopement), and infectious disease outbreaks (e.g., Influenza/COVID-19).

- **Technological:** Power outages, loss of water/sewer, and cyberattacks on electronic health records (EHR).
- **Human-Caused:** Active shooter, missing resident (Elopement), and infectious disease outbreaks (e.g., Influenza/COVID-19).

2. Communication Plan

A robust plan ensures that information flows to the right people during a crisis.

- **Staff Call-Down:** Maintain an updated list of home and cell numbers. Use a "Phone Tree" or mass-texting app.
- **Family Notification:** Designate a spokesperson to update families via a dedicated hotline or website portal.
- **Emergency Partners:** Keep direct lines for:
 - Minneapolis Emergency Management: **311** or **612-673-3000**
 - Hennepin County Emergency Management
 - Local Utilities (Xcel Energy for power, CenterPoint for gas)

3. Core Emergency Procedures

Code Red (Fire)

Use the **RACE** acronym:

SIMPLE AI USE

- **Resident Go-Kits:** Each resident should have a "Go-Bag" with a 3-day supply of meds, copies of their MAR (Medication Administration Record), and ID.

5. Training and Testing (MDH Requirements)

- **Annual Training:** All staff must be trained on the plan upon hire and annually.
- **Drills:** You must conduct **two** emergency preparedness exercises per year:
 1. **Full-scale exercise:** A community-based drill (if available) or a functional facility-based drill.
 2. **Second exercise:** Can be a tabletop discussion or a second full-scale drill.

Note: This is a high-level framework. To be fully compliant with Minnesota Rule **4658.0065**, you must document these procedures in a binder available at every nursing station.

Would you like me to draft a specific "Table of Contents" for your emergency binder or create a template for a Memorandum of Understanding (MOU) with a sister facility?

LIVE DEMO FOR A TABLE TOP
EXERCISE

CLOSING

- LEARNING THE AI TOOL CAN HELP YOU BE MORE EFFICIENT AND EFFECTIVE. YOU ARE ALREADY USING THE TOOLS OF AI.
- THE KEY TO AI IS HOW YOU COMMUNICATE TO THE TOOL. DESCRIBE IN DETAIL WHAT YOU WANT IT TO DO.
- PRACTICE WITH IT.
- ALWAYS BE CONSCIOUS OF SECURITY. WHAT YOU PUT INTO THE ENGINE CAN NEVER BE REVERSED. DO NOT USE SENSITIVE DATA YOU WOULDN'T WANT OTHERS TO KNOW ABOUT.
- HUMANIZE WORK. DON'T JUST CUT AND PASTE. YOU NEED TO PROOF AND ADD CONTENT TO YOUR WORK. AI IS NOT PERFECT AND WILL GENERALIZE INFORMATION OR LEAVE INFORMATION OUT ENTIRELY.

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