DEMYSTIFYING TODAY'S AI TOOLS
AND HOW YOU CAN USE THEM

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Today's Agenda

❑ **What is AI (Artificial Intelligence)**
  ✓ High-Level Overview
❑ **How to Sign Up for an AI Account**
  ✓ And With Which AI Providers?
❑ **How We Can Use AI Tools Today**
❑ **Creating Meaningful Prompts**

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What is Artificial Intelligence

A high-level approach:

- ❑ AI is the science of making machines that can think like humans.
- ❑ The technology (hardware, software and programs) processes large amounts of data in ways that humans can't

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Let's Drill a Little Deeper

- ❑ Natural Language Processing and Machine Learning
  - ✓ Conversations & Chatbots → Siri and Alexa
- ❑ Large Language Model (LLM)
  - ✓ This is the data and programs that the mainstream AI providers use
  - ✓ The computer programs create algorithms (or rules) to classify, analyze, and draw predictions from data.

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How Do The Programs Work?

- ❑ The programs can recognize patterns and make decisions based on its parameters (rules) and Training
- ❑ AND user input
- ❑ AI involves acting on data and learning from new data
- ❑ And improving over time

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How Big Are the LLMs?

- ❑ OpenAI's ChatGPT-4o has been trained on 1.5 trillion parameters
  - ✓ GPT-3 has 175 billion parameters.
- ❑ Google's Gemini has 540 billion parameters
- ❑ Microsoft's CoPilot is based on GPT-4 and adds other LLMs

Bigger is not always better.
Smaller models can be more efficient
and responsive.

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What All This Means

❑ AI programs need
- ✓ Lots of storage
- ✓ Lots of compute power
- ✓ Lots of electricity
- ✓ Lots of Money

So how do these small companies and websites offer AI chatbots?

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They Do What You Will Do!

❑ They sign up for an AI account

❑ ...and then they integrate an AI chatbot into their software and website using well defined software connections
(API → Application Programming Interface)

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Choose One or More to Join

These are the Big Guys in AI:

- ❑ **OpenAI** https://openai.com/
  - ✓ ChatGPT- 4 Turbo (trained to 4/2024)
  - ✓ ChatGPT-4o (announced Tuesday – faster, better, smarter)
  - ✓ ChatGPT-3.5 (most used – trained to 1/2022)
- ❑ **Google Gemini** https://gemini.google.com
- ❑ **Microsoft** https://copilot.microsoft.com/
  - ✓ CoPilot (Bing Chat)
- ❑ **Perplexity** https://www.perplexity.ai/
- ❑ **Anthropic** https://www.anthropic.com/claude MESH WP SUPPORT

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Cost Considerations

- ❑ OpenAI
  - ✓ ChatGPT-4 Turbo is $20 month
  - ✓ ChatGPT-4o is free (omni)
  - ✓ ChatGPT-3.5 is free
- ❑ Google's Gemini is free
- ❑ Microsoft CoPilot is free
  - ✓ You need a personal Microsoft account
    (which is also free)
  - ✓ Includes access to GPT-4
- ❑ Perplexity is free
- ❑ Claude 3 Sonnet is free MESH WP SUPPORT

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Prompts!

- ❑ Prompts are what you ask AI
- ❑ Think in terms of conversations (ask and follow-up)
- ❑ Reframe your questions
- ❑ Give details!
- ❑ Ask more than once…and of more than one AI provider

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How You Can Use AI Tools Today

- ❑ Recipes (list what you have on hand and ask for a meal plan)
- ❑ Ask for help starting something you need to write
- ❑ Create an itinerary for a trip
- ❑ Paste what you've written and ask to make it better
- ❑ Create Art, Images and Videos

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Be Safe!

- ❑ Trust and Verify
  - ✓ Truth Matters
- ❑ It's a tool, not the answer
- ❑ Edit to make it your voice
  - ✓ Use https://gptzero.com to check your work!

> Download this presentation here:
> https://meshwpsupport.com/ai

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