



Artificial Intelligence Overview and Uses for Lions



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Seminar Materials
<http://tnlions.org/ai/>

What AI IS:

- A pattern recognition system
- A language and reasoning assistant
- A tool to accelerate drafts
- A medium to expand ideas

It **predicts** what words are likely to come next based on massive amounts of training data. It generates responses based on **probability**.

What AI Is NOT:

- A database of truth
- Inherently accurate
- A decision-maker
- Wise or a replacement for judgment
- Immune to error

The most dangerous misunderstanding is:

- Fluency sounds like intelligence.
- Confidence sounds like accuracy.

AI in Every Day Life

- **Fraud Detection:** AI models analyze billions of transactions in real-time, identifying suspicious activity with up to 95% accuracy and reducing financial losses.
- **Customer Service:** Always-on, personalized support. Chatbots and virtual assistants deliver 24/7 availability, instant responses, and tailored interactions.
 - Gartner predicts that by 2025, 75% of customer service interactions was AI-driven.

What Can I Do with AI?

Writing & Communication

- Draft emails
- Rewrite for tone
- Summarize long docs
- Create social posts

Strategy & Planning

- Brainstorm ideas
- Create outlines
- Design workshops
- Build frameworks

Learning & Research

- Explain complex ideas
- Create study guides
- Compare ideas
- Generate discussion questions

Productivity

- Create meeting agendas
- Draft procedures
- Create checklists
- Create templates

Hallucinations

A hallucination is when AI:

- Fabricates information
- Makes up statistics, citations, or details – presents confidently
- Not malicious, but a by-product of probabilistic generation.

They Are More Likely:

- Specific statistics
- Niche technical facts
- Citation-heavy outputs
- Legal or medical advice

They Are Less Likely:

- Rewriting text
- Structuring content
- Brainstorming ideas
- Summarizing provided material

Responsible Use Checklist

Before relying on output, ask:

1. Is this factual or structural?
2. Should I verify this?
3. Am I outsourcing judgment?
4. Would I sign my name to this?
5. Does this align with my values?

Data & Privacy Caution

- Avoid sensitive personal data
- Avoid confidential information unless:
 - Company-approved enterprise environments
 - Personal knowledge of how and where information is stored
- Understand your organization's AI policy

How to Get Started Safely

Step 1: Start Low Risk

- Rewrite emails
- Summarize articles
- Brainstorm ideas

Step 2: Improve Prompting

Strong prompts include:

- Role
- Context
- Constraints
- Output format

Step 3: Iterate

AI works best conversationally

- Make this clearer.
- Give counterarguments.
- Simplify.
- Add examples.

AI is strongest when it augments your thinking — not replaces it

Examples

Copilot Integrated with Microsoft 365 (Word, Excel, Power Point)

- **Copilot in Word**
 - **Drafting:** Generate first drafts from your prompt and document context, helping you move from outline to polished text faster.
 - **Editing:** Suggest rewrites for clarity and tone while keeping your intent—useful for tightening paragraphs and improving flow.
 - **Summarizing:** Produce concise summaries of long sections; reports cite up to 40% productivity gains for document creation tasks. (not verified 😊)
- **Copilot in Excel**
 - **Formula Generation:** Copilot translates natural language into complex Excel formulas, reducing manual writing and errors.
 - **Data Analysis:** Copilot analyzes datasets, identifies trends, and generates insights to help users decide faster.
 - **Task Automation:** Copilot automates sorting, formatting, and visualizations – saving time and improving workflow efficiency.

ChatGPT – <https://chatgpt.com>

- ChatGPT is a highly advanced linguistic model designed to be an effective, agreeable, and polite tool. It often mirrors the user's tone and validating their input.
- Designed to be a “people-pleaser” –helpful, polite, and agreeable
- Ask it anything. After response, it suggests a list of ways it can help you further.

Protect the Lions Brand Image! Attach official logo to request or add it later!

Lions Virtual – <https://lionsvirtual.org>

- 4 custom ChatGPT applications trained on Lions content (subject to limitations of your ChatGPT account)
- **LionsMap2Grow:** Guides Lions members in growing clubs by using asset mapping, outreach, marketing, S.W.O.T., GMA, and action plans.
- **LionsMarket2Grow:** Transforms Lions service reports into press releases, social media content, and LinkedIn posts.
- **LionsServe2Grow:** Helps Lions partner with local libraries and community organizations to create a Service Carnival
- **LionsLearn2Grow:** Helps Lions create and design training and teaching designed on what problems need to be solved.

AI Coloring Pages and Books – <https://coloring.app/>

Conclusion

- **Use AI to expand service impact:** Turn service details into polished posts, flyers, and visuals faster—freeing time for people and mission.
- **Be responsible with outputs:** Treat AI as a collaborator: check accuracy, avoid outsourcing judgment, and don't publish anything you wouldn't sign your name to.
- **Build capability, not dependency:** Iterate conversationally (shorter, clearer, add examples), and keep learning which tasks AI does well vs. poorly.