Al-Driven Chatbots

Demonstrate the benefits, functionality, and value of implementing chatbot to improve content accessibility and service



The Value of DIT AI Chatbot Service

- Improved Accessibility
- Enhanced User Experience
- Time and Resource Efficiency
- Scalability Across Agencies





How it Works: Tailoring Content for Each Agency

- Website Crawling and Indexing
- Targeted Answers
- Dynamic Updates







Key Technologies: RAG, OpenAI, and Zammo

- Retrieval-Augmented Generation (RAG)
- OpenAl's Language Model
- Zammo Integration









Using a Wrapper to Manage Responses



Relevant Info? : Preventing Hallucination



NCDIT INFORMATION

Response Valid? : Ensuring Grounding

"response": "There are 43,560 square feet in an acre."
"source_link" : "https://www.unitconverters.net/area/

I'm sorry. It doesn't appear that I have the proper knowledge to assist you with this.

7:29 PM





Chatbot Example



How do I procure new software 2:07 PM

To procure new software, you can follow the IT procurement process outlined by the North Carolina Department of Information Technology (NCDIT).

The agency purchasing personnel should prepare a procurement request or solicitation that includes information such as:

- The description or specifications of the software required
- Estimated cost
- Quantity

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- Delivery requirements
- Any special requirements

The Statewide IT Procurement Office provides templates and forms on their website that can be used for this purpose.

For more detailed information and guidance, you can refer to the NCDIT Statewide IT Procurement Office Manual. Microsoft Word - Statewide-IT-Procurement-Office-Manual-2017-07 (Page 10 of 51).

Enter your message...



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Privacy and Compliance Considerations

- Data Handling and Compliance
- Transparency
- Adaptation to State
 Privacy Regulations





Benefits Recap and Summary

Key Benefits

- Improved accessibility and user satisfaction
- Streamlined access to information for the public
- Reduced workload for agency staff







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