



# CDW Documentation

**AI Knowledge**

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# AI Knowledge

This is where the MS-AI-Team documents and stores different notes and findings about different AIs and LLMs; how they work, their limitations, and methods for improvement.

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## AI

- [AI Fundamentals](#)
  - [Azure OpenAI Documentation](#)
  - [Key Terms for AI](#)
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## LLM

- [LLM Fundamentals](#)
- [comparison of chatgpt models](#)

## Best Practices

- [Azure Key Vault Best Practices](#)
- [Deploy Azure Key Vault](#)
- [Azure API Monitoring](#)
- [Sample Workbook to Monitor OpenAI](#)

## Labs

- [Getting Started with Azure AI Services](#)
- [Advanced RAG Implementation and Example Code](#)
- [Speech and translate](#)
- [Computer Vision](#)
- [Sample Python Chatbot](#)
- [Video Keyword Transcription](#)
- [Computer Vision and Translate](#)
- [ML lab -1 Create Azure ML Workspace and Explore Studio Interface](#)
- [ML lab -2 Set up Compute Resources and Create Your First Dataset](#)
- [ML lab 3](#)
- [ML lab 4 Train a Model Using Python SDK v2 in notebook](#)
- [Lie-Detector Application](#)
- [AutoML Lab using Loan Data](#)
- [Azure chatbot with Open AI integration](#)
- [Azure chatbot with Open AI and slack integration](#)
- [Azure chatbot with Open AI and slack integration 2](#)
- [Azure Function app to perform Image blur](#)

- [Twitter/X Product Sentiment Analysis](#)
- [Azure Text analytics & Azure OpenAI](#)
- [Retrieval-Augmented Generation \(RAG\) Application](#)
- [Github ML pipeline](#)
- [Agentic RAG](#)
- [AI Agent Production Architecture with RAG and MCP](#)

## Operational Plan

- [AI Operational Plan](#)
- [Potential Monitoring Plan/Capabilities](#)

## Lessons Learned

- [ML Work Spaces](#)
- [CLI Workspace Deployment Transcript](#)
- [Notebooks Collectibles Deployment](#)
- [Responsible AI Test](#)
- [Azure ML Pipeline Test](#)
- [ml-labs](#)
- [Bicep Terraform Comparison](#)
- [Azure Webapp Deployment](#)
- [Azure GitHub Actions Pipeline](#)
- [Testing GPT-4.1 vs GPT-4o](#)
- [AI Helpdesk with Sentiment and Responses](#)

## Hate Space

\* [Function Apps](#)

[AI Team Homepage](#)