COURSE SYLLABUS

AI Fundamentals for Government Employees

This course introduces learners to the world of artificial intelligence through foundational concepts such as machine learning, deep learning, and large language models.

Group classes (Live Online) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/ai-fundamentals



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Course Outline

Module 1: Introduction to AI

- What is AI?
- Everyday examples of AI
- Introduction to algorithms, machine learning, neural networks, and deep learning
- How AI works
- **Activity:** Search vs. AI

Module 2: AI Technologies & Usage

- Introduction to language models
- What is a GPT?
- Overview of AI technologies
- What AI can do for you
- **Activity:** Ask ChatGPT a Question
- How to get useful output with better prompts

Module 3: Ethical, Legal, and Regulatory Considerations for AI

- Model training and data privacy (PII and PHI)
- Legal implications of AI-generated content (copyright, liability, licensing)
- Ethical challenges: AI biases, transparency, and accountability
- Compliance with regulations: GDPR, CCPA, and other legal frameworks
- **Activity:** How to Disable Training