

# AI Fundamentals for Government Employees (Self-Paced)

This course introduces you to the world of artificial intelligence through core concepts like machine learning, deep learning, and large language models.

Group classes in Live Online and onsite training is available for this course. For more information, email [corporate@nobledesktop.com](mailto:corporate@nobledesktop.com) or visit: <https://www.nobledesktop.com/classes/ai-fundamentals-self-paced>



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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