

Leveraging Artificial Intelligence for Federal Decision-Making

Course Number: 4614

Length: 2 Days

Primary Delivery Method: Instructor-led online (synchronous); Instructor-led live classroom

Alternative Delivery Methods: Instructor-led live classroom

Course Description

Explore leveraging artificial intelligence (AI) for data-driven decision-making within the federal government. Examine the importance of AI in analyzing federal datasets, discuss the ethical and regulatory frameworks governing AI, and learn about the opportunities and risks associated with AI in federal agencies. Emphasis is placed on understanding data privacy concerns, integrating AI into decision support systems, and implementing AI-leveraged solutions effectively. Through case studies, discussions, and real-world examples, gain a deep understanding of AI-supported data analytics to drive innovation and efficiency in federal agencies, equipping you with the knowledge to be a leader in data-driven governance.

Intended Audience

This course is designed for professionals involved in data interpretation for decision-making, offering practical skills and regulation guidance in leveraging artificial intelligence to drive innovation and efficiency within organizations.

Client-Provided Facility Requirements

- White board with markers and eraser

Course Learning Objectives

- Discuss the ethical implications of using artificial intelligence to analyze federal datasets
- Ensure ethical and compliant utilization of AI in federal data analysis while adhering to individual agency data policies
- Review principles of federal data governance to ensure effective evaluation and management of datasets within the context of federal agencies
- Explore examples of decision support systems (DSS) using AI
- Identify appropriate strategies and processes to implement and manage AI-leveraged solutions in federal government decision-making

Course Additional Features

- Producer Support
- Technical Support Team
- Extended Learning Bursts
- Dedicated In-House Accessibility/Section 508 Compliance
- Student Resource Guides
- AI Prompts

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All details about the Additional Features are available on this page. [Click here to Explore](#)

Course Schedule

DAY ONE	
MORNING	Lesson 1: Data and AI: The Future of Federal Decision-Making
LUNCH	
AFTERNOON	Lesson 2: Navigating the Ethical and Regulatory Landscape of AI

DAY TWO	
MORNING	Lesson 3: Data Privacy for AI Applications
	Lesson 4: AI Models for Decision Support Systems (DSS)
LUNCH	
AFTERNOON	Lesson 5: Implementing AI-Leveraged Solutions

Learning Methods

Group exercises; lecture; discussion; case study; action planning

Credits

National Association of State Boards of Accountancy (NASBA)

- Field of Study: Specialized Knowledge
- Level: Intermediate
- CPEs: 16

Professional Development Units (PDUs)

- Credits: 14

Continuous Learning Points (CLPs)

- Credits: 16

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Management Concepts Certificate Program Relationship

This is a core course in the following program(s):

- [Program Protection - Cyber and AI](#)

This is an elective course in the following program(s):

- [Data Analytics Certificate Program](#)
- [Project Management Master Track](#)
- [Agile in Government Master Track](#)
- [Program Management Certificate Program](#)

Prerequisites

There are no prerequisites for this course.

Pework

There is no prework required for this course.

Requirements for Successful Completion

Full (100%) attendance is expected and required. Successful completion of the course depends on full class attendance and active participation in individual and group exercises.

Follow-On Resources

- [Federal Data Ethics Framework](#)
- [Introduction To Evidence-Based Hypothesis Building](#)
- [Data Storytelling for the Federal Government: Numbers to Narratives](#)
- [Introduction to Analytics](#)
- [Evaluating and Presenting Analysis Results](#)
- [Introduction to Data Visualization](#)
- [Federal Analytics Simulation: A Data Quest](#)

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Ready to Enroll?



See the most recent course information and scheduled classes at this link:
<https://www.managementconcepts.com/course/id/4614>



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