COURSE SYLLABUS

AI for Federal Grants Management Course

Equip federal grants professionals with AI tools to strengthen pre-award review, compliance monitoring, risk assessment, and closeout activities while maintaining compliance with 2 CFR 200 and safeguarding sensitive grant data.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/ai-for-federal-grants-management-course



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Course Outline

Module 1: AI Fundamentals for Grants Professionals

- How AI language models work and their application to grants management
- Responsible AI use with grants data and recipient information
- Protecting sensitive recipient data, proprietary information, and CUI
- Recognizing AI hallucinations in regulatory and compliance contexts

Module 2: AI for Pre-Award and Award Processes

- Using AI to analyze grant applications and budget narratives
- Researching regulatory requirements and eligibility criteria with AI tools
- AI-assisted risk assessment of applicants and proposed projects
- Drafting terms and conditions and award documentation with AI support

Module 3: AI for Post-Award Monitoring and Closeout

- Applying AI to financial and performance report analysis
- Using AI for compliance monitoring against 2 CFR 200 requirements
- Recipient risk assessment and site visit preparation with AI tools
- Grants closeout review and audit resolution with AI assistance

Module 4: Hands-On Workshop

- Participants apply AI tools to realistic grants management scenarios
- Practice prompt engineering for grants-specific compliance and analysis queries
- Cross-check AI outputs against 2 CFR 200 and agency grants policies
- Group exercise: Using AI to prepare a grants monitoring risk assessment