

# Public Sector AI Project Lifecycle Management Training Course

Professional Development Training Course Outline

|          |                          |               |                         |
|----------|--------------------------|---------------|-------------------------|
| Category | Public Sector Innovation | Duration      | 5 Days                  |
| Base Fee | \$1,500 USD              | Delivery Mode | Online / On-site Hybrid |

## Course Introduction

The integration of Artificial Intelligence (AI) in public sector projects has revolutionized how governments design, implement, and evaluate services for citizens. Public Sector AI Project Lifecycle Management Training Course is designed to equip public administrators, project managers, and policy professionals with practical knowledge and skills to manage AI projects effectively across all phases of the project lifecycle. Participants will explore strategic planning, risk management, ethical AI deployment, and performance evaluation, ensuring public sector initiatives are both efficient and citizen-centric. Emphasis is placed on leveraging AI for data-driven decision-making, smart governance, and enhanced service delivery.

In addition, this course provides participants with hands-on experience in the use of AI tools, predictive modeling, and automation within the public sector environment. Participants will analyze case studies from real-world government projects, identify best practices, and learn to address common challenges such as resource allocation, regulatory compliance, and stakeholder engagement. By the end of the course, learners will gain the confidence to manage AI projects that drive innovation, transparency, and public value while mitigating risks associated with technology adoption.

## Programme Curriculum

### Public Sector AI Project Lifecycle Management Training Course

#### Introduction

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### **Course Objectives**

By the end of this course, participants will be able to:

1. Understand the AI project lifecycle in the public sector.
2. Develop strategic AI project plans aligned with public policy goals.
3. Apply human-centered design principles to AI initiatives.
4. Conduct AI risk assessment and mitigation strategies.
5. Implement AI ethics and governance frameworks.
6. Utilize data analytics for AI project decision-making.
7. Integrate AI tools for automation of public services.
8. Monitor and evaluate AI project performance metrics.
9. Engage stakeholders effectively for AI adoption.
10. Manage budgets and resources for AI projects.
11. Ensure compliance with regulatory and legal requirements.
12. Leverage case studies for lessons in AI project success.
13. Foster a culture of innovation and continuous improvement.

### **Organizational Benefits**

- Enhanced decision-making through AI-driven insights.
- Increased efficiency and reduced operational costs.
- Improved citizen engagement and satisfaction.
- Streamlined processes via intelligent automation.
- Better risk management and compliance adherence.
- Strategic alignment of AI initiatives with policy goals.
- Strengthened organizational capacity for digital transformation.

- Data-driven performance measurement and accountability.
- Knowledge transfer and capacity building for staff.
- Creation of scalable AI solutions for public sector impact.

### **Target Audiences**

- Public sector project managers
- Government policy analysts
- IT administrators and AI specialists
- Public service innovation teams
- Data analysts in government agencies
- Digital transformation leaders
- Regulatory and compliance officers
- Academic and research professionals in public administration

### **Course Duration: 5 days**

### **Course Modules**

#### **Module 1: Introduction to AI in Public Sector Projects**

- Overview of AI applications in government
- AI trends and emerging technologies
- Key challenges in public sector AI adoption
- Benefits of AI for citizens and organizations
- Aligning AI initiatives with policy objectives
- Case study: AI deployment in municipal services

#### **Module 2: AI Project Lifecycle Management**

- Phases of AI project lifecycle
- Planning and scoping AI projects
- Stakeholder analysis and engagement
- Resource allocation and budgeting
- Performance measurement frameworks
- Case study: Lifecycle management of a public health AI initiative

#### **Module 3: Ethical AI and Governance**

- Principles of ethical AI in public sector
- Regulatory and compliance considerations
- Bias mitigation in AI models
- Privacy and security in AI systems
- Accountability and transparency measures
- Case study: Ethical challenges in predictive policing AI

#### **Module 4: Data Analytics and Decision-Making**

- AI-driven data analytics techniques
- Predictive modeling for policy decisions
- Data governance and quality assurance
- Visualization for public sector insights
- Performance indicators for AI projects
- Case study: Using analytics for traffic management

#### **Module 5: Human-Centered AI Design**

- User-centered design for government AI solutions
- Participatory design methods with citizens
- Requirements gathering and prototyping
- Testing and iteration for public services
- Measuring user satisfaction
- Case study: Citizen feedback in smart city AI design

#### **Module 6: AI Implementation and Automation**

- Tools and platforms for AI deployment
- Workflow automation in government processes
- Integration with legacy systems
- Change management for AI adoption
- Monitoring operational efficiency
- Case study: Automating permit approvals

#### **Module 7: Risk Management in AI Projects**

- Identifying AI project risks

- Risk assessment methodologies
- Mitigation strategies and contingency planning
- Crisis management for AI failures
- Reporting and auditing AI risks
- Case study: Mitigating risks in AI-based welfare programs

## **Module 8: Monitoring, Evaluation, and Continuous Improvement**

- Metrics for AI project success
- Continuous improvement strategies
- Feedback loops and iteration
- Lessons learned documentation
- Scaling successful AI projects
- Case study: AI performance evaluation in public transport

## **Training Methodology**

- Interactive lectures and presentations
- Hands-on workshops and tool demonstrations
- Group discussions and peer learning
- Case study analysis and scenario exercises
- Role-playing and simulation of AI projects
- Assessment through quizzes and project exercises

## **Register as a group from 3 participants for a Discount**

Send us an email: [info@fineskilltrainingcenter.com](mailto:info@fineskilltrainingcenter.com) or call +254769199797

## **Certification**

*Upon successful completion of this training, participants will be issued with a globally- recognized certificate.*

## **Tailor-Made Course**

*We also offer tailor-made courses based on your needs.*

## **Key Notes**

- The participant must be conversant with English.
- Upon completion of training the participant will be issued with an Authorized Training Certificate
- Course duration is flexible and the contents can be modified to fit any number of days.

- d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.
- e. One-year post-training support Consultation and Coaching provided after the course.
- f. Payment should be done at least a week before commence of the training, to FINESKILL TRAINING CENTER account, as indicated in the invoice so as to enable us prepare better for you.

## Upcoming Scheduled Sessions

| Start Date  | End Date    | Location | Price   |
|-------------|-------------|----------|---------|
| 07 Sep 2026 | 11 Sep 2026 | Physical | \$1,500 |
| 14 Sep 2026 | 18 Sep 2026 | Physical | \$1,500 |
| 21 Sep 2026 | 25 Sep 2026 | Physical | \$1,500 |
| 28 Sep 2026 | 02 Oct 2026 | Physical | \$1,500 |
| 05 Oct 2026 | 09 Oct 2026 | Physical | \$1,500 |
| 12 Oct 2026 | 16 Oct 2026 | Physical | \$1,500 |
| 19 Oct 2026 | 23 Oct 2026 | Physical | \$1,500 |
| 26 Oct 2026 | 30 Oct 2026 | Physical | \$1,500 |

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: [info@fineskilltrainingcenter.com](mailto:info@fineskilltrainingcenter.com) | Website: [www.fineskilltrainingcenter.com](http://www.fineskilltrainingcenter.com)