



Past, Present, and Future of AI in Public Sector

TRAINING

Harnessing AI's Power in the Public Sector



Facilitated by
CHARMI CHOKSHI

Online

Day 1: Thursday, May 2, 2024

Day 2: Thursday, May 9, 2024



PUBLIC
SECTOR
NETWORK



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Harnessing AI's Power in the Public Sector

Embark on a transformative journey as public sector training transcends conventional approaches through AI integration. This dynamic evolution enhances efficiency and tailors content, promising substantial improvements in overall training outcomes. The future unfolds with predictive analytics, adaptive platforms, and virtual mentors, ensuring public sector professionals are well-prepared for challenges like cybersecurity training.

Deloitte recognizes AI as pivotal, highlighting North America's potential for global leadership. Proactive steps are essential to establish a world-class AI ecosystem, discussed in Deloitte's series on North America's AI imperative. Three pivotal drivers—Leverage, Assessment, and Future-Proofing—guide this initiative.

The “Past, Present, and Future of AI in Public Sector” training delves into historical, current, and future AI dimensions in government organizations. Equipping professionals with vital skills, the training fosters informed decisions and ethical AI practices, contributing to a highly skilled and adaptive public sector workforce. Join this transformative learning journey, shaping the future of public sector training.

Not Just a Training Session

Upon completion of this course, participants will be able to:

- **Gain in-depth knowledge of AI's impact on project management in the public sector.**
- **Improve decision-making and resource allocation through AI-driven insights.**
- **Stay ahead of industry trends and advancements in AI for project management.**
- **Increase project efficiency and productivity with AI-powered automation.**
- **Drive innovation and organizational growth by leveraging AI technologies.**
- **Network and collaborate with industry professionals in the public sector.**

Who Attends

The training is designed for participants with a basic understanding of project management principles and a general familiarity with AI concepts.

Project Managers, Project Leads, Product Managers, Program Managers, IT Managers, Technology Leads, Innovation Managers, Strategy Managers, Operations Managers, Public Sector Leaders, Data Analysts, Business Analysts, and Information Managers.

Meet Your Facilitator



CHARMI CHOKSHI

Charmi Chokshi is passionate about tech & community and her journey has led me to become an international speaker, one of the youngest Google Developers Experts in ML and Google Cloud Champion Innovator. To date, she has spoken at 35+ conferences and has trained 25k+ professionals and students in AI and Machine Learning. In the past year, she became an awardee for WeaveSphere Developer 30 Under 30 of Canada, a runner-up in the 'Outstanding in AI - Young AI Role Model of the Year' - North America by Women in AI, and a Rising Star awardee by Womxn in Data Science.

She has worked professionally with early-stage startups and tech giants like AWS and ISRO to solve real-life problems and has a Master's degree in ML from World Recount Mila and the University of Montreal, Canada.

Talk to her about Technology, Art, Travel, and Entrepreneurship!

Preparation

This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you face in your organization.

To participate you'll need:

- A computer with camera and microphone
- Strong internet connection
- Quiet, well-lit space
- Current product or service challenges you facing



Explore the Agenda

DAY 1 | Thursday, May 2, 2024

11:00am EST	PSN Welcome
11:15am EST	Training Overview, Objectives and Icebreaker
11:30am EST	Module 1: Introduction to Machine Learning <ul style="list-style-type: none">• Understanding the fundamentals of AI• Difference between AI, ML, DL• Supervised and Unsupervised Learning• Coding Exercises
12:30pm EST	Break
12:40pm EST	Module 2: Introduction to Deep Learning <ul style="list-style-type: none">• Introduction to Neural Networks• Tools and Frameworks• Coding Exercises
1:40pm EST	Break
1:50pm EST	Module 3: AI in Public Sector <ul style="list-style-type: none">• Case studies related to application of AI in various sectors such as health-care, smart cities, education, fraud detection, etc.• Group Discussion
2:45pm EST	Q&A and End of Day 1

DAY 2 | Thursday, May 9, 2024

11:00am EST	PSN Welcome
11:05am EST	Recap from Day 1 Training
11:15am EST	Module 4: Introduction to Natural Language Processing <ul style="list-style-type: none">• Overview of Natural Language Processing (NLP) and its applications• Key challenges and opportunities in processing human language• Demos and Coding Exercises• Overview of Generative AI
12:30pm EST	Break
12:40pm EST	Module 5: Introduction to Computer Vision <ul style="list-style-type: none">• Understanding image processing techniques in CV• Cutting-edge techniques in CV: semantic segmentation, instance segmentation, etc.• Guided hands-on session: Building a simple CV project
1:40pm EST	Break
1:50pm EST	Module 6: AI for Project Management <ul style="list-style-type: none">• AI for Risk Management, Project Monitoring, and Evaluation• AI for Decision Support in Project Management• Ethical Considerations and Challenges of AI in Project Management• Group Discussion
2:45pm EST	Q&A and End of Day 2 <ul style="list-style-type: none">• Recap of key learnings and takeaways from the training• Open forum for participants to ask questions and clarify doubts