



4 Courses

**Python Essentials for MLOps**  
**DevOps, DataOps, MLOps**  
**MLOps Platforms: Amazon SageMaker and Azure ML**  
**MLOps Tools: MLflow and Hugging Face**



May 16, 2025

## Atena Jafari Parsa

has successfully completed the online, non-credit Specialization

# MLOps | Machine Learning Operations

The student has successfully completed the Specialization, laying a strong foundation in Python fundamentals, MLOps principles, data management, and the deployment of machine learning models in production environments. The student acquired hands-on experience with Amazon Sagemaker, AWS, Azure, MLflow, and Hugging Face, developing their ability to create end-to-end ML solutions, pipelines, and APIs. The student has also learned to: apply exploratory data analysis techniques; use AI pair programming and GitHub Copilot; train, optimize, and deploy ML models on Amazon SageMaker and Azure ML; design full MLOps pipelines with MLflow, managing projects, models, and tracking system features; and deploy Large Language Models and containerized models using the ONNX format with Hugging Face.

Noah Gift  
Annelise Deza

Noah Gift, Executive in Residence in the Duke Social Science Research Institute

Alfredo Deza, Adjunct Assistant Professor in the Pratt School of Engineering

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