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# AI & Machine Learning Foundational

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# Foundations

## Foundations of AI, ML & Deep Learning

- Introduction to AI & ML
- Types of Machine Learning
- Key Concepts

# ML Lifecycle & MLOps

## ML Lifecycle & MLOps

- ML Lifecycle in Practice
- MLOps Fundamentals
- AWS Well-Architected ML Lens
- Responsible AI

# Amazon SageMaker

## SageMaker

- Core Services
- Hands on Demo



# Hands On

## Hands On

- Local IDE & ML Deployment
- Hands on Demo



# Final Integration & Outcome

## Hands On

- Complete a real-world use case
- Showcase project results