

Red Hat OpenShift AI Technical Overview

Course code: AI067

This free Technical Overview describes the current AI/ML landscape and the challenges associated with developing and deploying AI/ML applications. The on-demand video content also covers how Red Hat OpenShift AI builds on the capabilities of Red Hat OpenShift to provide a single, consistent, enterprise-ready hybrid AI and MLOps platform.

Pro koho je kurz určen

- Data scientists and AI practitioners who want to build and train ML models
- Developers who want to build and integrate AI/ML enabled applications
- MLOps engineers responsible for installing, configuring, deploying, and monitoring AI/ML applications

Co Vás naučíme

- How did AI progress to where we are today?
- How the AI/ML landscape is evolving
- Red Hat OpenShift AI Architecture
- Red Hat's AI/ML partner ecosystem
- Use case demo

Požadované vstupní znalosti

There are no prerequisites for this Technical Overview.

Osnova kurzu

- Introduction
- A brief history of AI
- What is machine learning?
- What is deep learning?
- Where do foundation models fit within AI?
- The evolving AI/ML landscape
- The challenge with MLOps
- Operationalizing AI
- Red Hat OpenShift AI features
- The Red Hat OpenShift AI open source ecosystem
- Red Hat OpenShift AI architecture
- The Red Hat OpenShift AI partner ecosystem
- Demo: Improving insurance claims process
- Demo: Connection and Setup
- Demo: Working with an LLM
- Demo: Image processing
- How to continue training on Red Hat OpenShift AI

GOPAS Praha

Na Strži 2097/63
140 00 Praha 4 - Krč
Tel.: +420 226 201 390
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 530 513 590
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 902 903 132
info@gopas.sk



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