

DEVELOP, TEST, AND RUN GRANITE FAMILY LLMS WITH RED HAT ENTERPRISE LINUX AI (AI296)

Course Code: 832036

AI296 - An introduction to fine-tuning, serving, and using generative AI models with Red Hat Enterprise Linux AI.

Develop, Test, and Run Granite Family LLMs with Red Hat Enterprise Linux AI (AI296) provides students with the fundamental knowledge about how to fine-tune, serve, and use generative AI models tailored to specific business needs.

This course helps students build core skills to train models in a secure and private environment.

This course is based on Red Hat Enterprise Linux AI 1.5.

What You'll Learn

After completing this course, learners should be able to:

- Understand Generative AI Fundamentals: Capabilities, Challenges, Models, and Techniques
- Use Granite Models For Enterprise Generative AI
- Train Large Language Models with Red Hat Enterprise Linux AI
- Deploy Trained Models with Red Hat Enterprise Linux AI

Who Needs to Attend

- Data Scientists and AI specialists who want to learn more about Granite models and the process of training and aligning GenAI models for specific business requirements.
- Developers with basic AI/ML knowledge or machine learning engineers who are interested in learning how to develop, test, and run AI-based enterprise applications in an enterprise and secure environment.
- System administrators who are interested in learning how to manage the company's hybrid cloud infrastructure to boost the adoption of generative AI and LLMs, while enforcing security policies.
- Other professionals, such as SMEs and domain experts, who are interested in learning how to contribute to the training of secure models tailored to their business needs.

Prerequisites

- A basic understanding of AI & ML is recommended but not required.
- Familiarity with the Linux command line.

Confirmation of the correct skill set knowledge can be obtained by passing the online skills assessment at [Red Hat Skills Assessment](#)

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VIRTUAL CLASSROOM LIVE

\$3,055 CAD

2 Day

Virtual Classroom Live Outline

Generative AI Fundamentals: Capabilities, Challenges, Models, and Techniques

- Define Generative AI, its importance, benefits, and challenges. Learn to select suitable GenAI and LLM models and techniques, considering their capabilities, use cases, and limitations.

Granite Models For Enterprise Generative AI

- Describe and understand Granite models, and their capabilities to solve enterprise use cases, compared to larger, closed models.

Training Large Language Models with Red Hat Enterprise Linux AI

- Enable technical and non-technical stakeholders to collaborate in the creation, training, and deployment of large language models (LLMs) optimized for specific business needs by using Red Hat Enterprise Linux AI and IBM Granite.

Deploying Trained Models with Red Hat Enterprise Linux AI

- Deploy, serve, and operate generative AI models trained with Red Hat Enterprise Linux AI.

Virtual Classroom Live Labs

- Labs are provided by RedHat for this course

Apr 20 - 21, 2026 | 10:30 AM - 6:30 PM EDT

Jun 29 - 30, 2026 | 10:30 AM - 6:30 PM EDT



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