

Develop, Test, and Run Granite Family LLMs with Red Hat Enterprise Linux AI

Kód kurzu: AI296

Od ledna 2026 je možné za původních podmínek zakoupit pouze prezenční Red Hat školení. Virtuální kurzy (VT) jsou dostupné výhradně v rámci ročního předplatného RHLS Course. Jak si naplánovat virtuální kurz v Red Hat Learning Subscription Course naleznete [zde](#).

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.

Pre koho je kurz určený

- 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.

Čo Vás naučíme

- Generative AI Fundamentals: Capabilities, Challenges, Models, and Techniques
- Granite Models For Enterprise Generative AI
- Training Large Language Models with Red Hat Enterprise Linux AI
- Deploying Trained Models with Red Hat Enterprise Linux AI

Požadované vstupné znalosti

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

Osnova kurzu

- **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.

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