Generative AI Essentials on AWS

Course code: AWSMLGAIE

In this course, you will learn the fundamental concepts, methods, and strategies for using generative artificial intelligence. You will gain a solid understanding of use cases where generative AI can provide solutions and address business needs. You will also learn practical information about technologies related to generative AI and how to use these technologies to solve real-world problems.At the end of the course, you will explore project planning and how to communicate the implementation of generative AI within your organization.

Affiliate	Duration	Course price	ITB
Praha	1	10 900 Kč	0
Brno	1	10 900 Kč	0
Bratislava	1	475 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
11.11.2026	1	10 900 Kč	Online	CZ/SK	TD SYNNEX Czech - Online
11.11.2026	1	10 900 Kč	Presence	CZ/SK	TD SYNNEX Czech
11.11.2026	1	475 €	Online	CZ/SK	Online
23.11.2026	1	475 €	Online	EN	TD SYNNEX Czech - Online

The prices are without VAT.

Who is the course for

The course is intended for individuals with minimal prior knowledge of generative AI, such as:

- Business analysts
- IT support professionals
- Marketing professionals
- Product or project managers
- Managers in IT or operations
- Business managers

What we teach you

After completing the course, you will be able to:

- Summarize the concepts, methods, and strategies of generative AI
- Communicate the appropriate use of generative AI and machine learning and their technologies
- Use generative AI responsibly and securely
- Identify types of generative AI solutions and specific use cases
- Explain the implementation and project planning of generative AI within your organization

Required skills

No prior knowledge is required.

Course outline

Introduction to Generative AI

What generative AI is, foundation models, AWS services for generative AI, demo

Using Generative AI in Specific Use Cases

Identifying suitable use cases, applying generative AI, scenarios

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Prompt Engineering Fundamentals

Introduction to prompt design, best practices, advanced strategies, hands-on exercise

Principles of Responsible AI

Introduction to responsible AI, core dimensions, generative AI from a responsibility and security perspective, hands-on exercise

Security, Governance, and Compliance

Security overview, negative prompts, generative AI security services, governance, regulatory compliance

Implementing Generative AI Projects

Introduction, defining the use case, selecting a foundation model, improving performance, evaluating results, deploying the application

Integrating Generative AI into the Development Lifecycle

Introduction, hands-on exercise: creating a project plan using generative AI

Course Conclusion

Next steps, additional resources, course summary

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