

Technical Track - Generative AI + Agentic Developer (Specialist Level)

Technical Track Focuses On Practical Skills in Coding, Modelling, System Design & AI Deployment

4 days / Physical, Hybrid, Online



Build real-world Generative AI applications and autonomous agents with specialist-level expertise

The Generative + Agentic AI Developer is a technical program at the Specialist Level which is designed to equip professionals with advanced capabilities to build and deploy next-generation AI systems that move beyond static model use toward autonomous, goal-driven intelligence.

Through practical learning, participants are able to design enterprise-ready AI assistants, workflow agents, and autonomous systems that enhance productivity, optimize operations, and elevate customer experience.



Key Learning Outcomes

Upon completion of the course participants will be able to

- Gain the ability to design, build, and deploy applications powered by large language models (LLMs), multimodal models, and generative frameworks for text, image, audio, and code generation.
- Learn to build intelligent agents capable of planning, reasoning, and executing multi-step tasks autonomously using frameworks such as LangChain, CrewAI, and other multi-agent architectures
- Apply advanced prompting techniques, tool orchestration, and AI-driven workflow design to automate complex business and technical processes.
- Acquire proficiency in integrating OpenAI, Gemini, Claude, and other AI APIs into real-world applications, including retrieval - augmented generation (RAG), vector databases, and operational pipelines.



Duration:
4 days



Level:
Specialist



Delivery Mode:
Physical / Online / Hybrid - Instructor Led

Who Should Join:

- ML Practitioners and AI Engineers get into generative and agentic system development.
- Anyone preparing for advanced AI roles such as AI Solutions Developer, Agentic AI Engineer etc
- R&D engineers and innovation teams exploring autonomous systems, AI automation, and next generation intelligent applications.

Course Modules Covered

- M1** Foundations of Generative & Agentic AI
- M3** Building Generative AI Applications
- M5** Integrating AI Into Real-World Systems

- M2** Advanced Prompt Engineering
- M4** Agentic AI & Multi-Agent Systems
- M6** Responsible, Safe & Ethical AI Deployment

Our Training Methodology

Practical Assignments

We provide hands-on assignments that requires practical implementation.

Virtual Coaching Sessions

Online coaching sessions that happen over the phone, via video.

Access to LMS

Get access to learning resources

Live Project Experience

Hands-on learning and training gives participants the opportunity to experience the real world.

Online Assessments

Participants can assess reflect on their own learning and their level/skills.

Industry Case

Stay current on market research trends, learn best practices through our industry case studies

Key Takeaways



Professional Skills



Practical Assessment



Expert Delivery & Labs



Compliance and Standards



Understanding Principles



Projects & Capstones



Get in Touch With Us Today!

This program is ideal for individuals who wish to begin their journey in the field of Artificial Intelligence and technical AI development.

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