

Artificial Intelligence (AI) Resources

Oracle Academy introduces new Generative AI Workshops and Artificial Intelligence Education Bytes to offer students engaging options for understanding and working with artificial intelligence. Member educators and their students now have access to FREE Oracle Academy resources that provide hands-on practice with AI from Oracle, an AI leader.



These resources equip students with foundational AI knowledge and practical skills, helping them prepare for an exciting and increasingly tech-driven future and getting them ready for what's next. New teaching and learning resources for Oracle Academy members include:

Generative AI Workshops

Within our Oracle Academy workshop resources, generative AI-focused workshops present beginner level content using the integration and application of Generative Artificial Intelligence technologies within Oracle Cloud services, applications, and infrastructure.

Embedding Generative AI in an APEX Application

This workshop provides an introduction on how to get started with AI by creating an Oracle APEX application and configuring generative AI services in Oracle APEX.

Using AI to Create SQL and an APEX Application

This workshop introduces the concepts of using an AI Assistant to help generate SQL code and a fully functioning application without having to write a single line of code.

Students must be the age of legal majority in their country of residence to access an Oracle Cloud account through the Oracle Academy Cloud Program.

Artificial Intelligence Oracle Academy Education Bytes

Hands-on Lab

Cloud Services – Digital Assistant and AI

This Education Byte provides instructions for creating a Digital Assistant using the Oracle Digital Assistant and AI services to build skills, utterances, entities, dialog flows, and conversation flows to train and tune the digital assistant.

Projects and Challenges

Introduction to Natural Language Processing (NLP)

This Education Byte provides information on how to incorporate the fundamentals of Natural Language Processing to enhance the AI experience.

Introduction to Artificial Intelligence, Natural Language Processing (NLP) and Select AI

This Education Byte contains the material from Section 13 of the Applied Database Systems 23ai course, focusing on defining Artificial Intelligence, Natural Language Processing (NLP), Generative AI and LLMs, Select AI in Autonomous Database, Retrieval Augmented Generation (RAG), and Synthetic Data Generation (SDG).

Introduction to Vector Search with Oracle Database 23ai

This Education Byte contains the material from Section 14 of the Applied Database Systems 23ai course, which explains the new converged database capability introduced in Oracle Database 23ai. Oracle AI Vector Search uses vectors to enable fast and simple similarity search queries on both structured and unstructured data and enables prompts to large language models (LLMs) to be augmented with private business data or domain knowledge.

Suggested next curriculum:

Oracle Academy Applied Database Systems 23ai

Key Benefits

- **Foundational AI knowledge and skills:**
These resources help learners develop a foundational knowledge of AI and practical skills, preparing them for the future of technology.
- **Hands-on practice:**
Learners can gain hands-on experience through these resources, which is crucial for building a strong understanding of generative AI concepts.
- **Support for curriculum and instruction:**
These resources can be used independently or integrated into existing Oracle Academy curriculum to enhance learning experiences.

Oracle Academy, Oracle's global philanthropic educational program, is open to academic institutions and their educators to help advance student technology education, skills, innovation, and inclusion. We offer free teaching and learning resources — including curriculum, cloud, software, and more — that help develop key knowledge, hands-on practice, and career-relevant skills.

Join Oracle Academy today and access all the benefits of membership.

Learn more about Oracle Academy workshops at academy.oracle.com/workshops and Education Bytes at academy.oracle.com/education-bytes

