

Microsoft

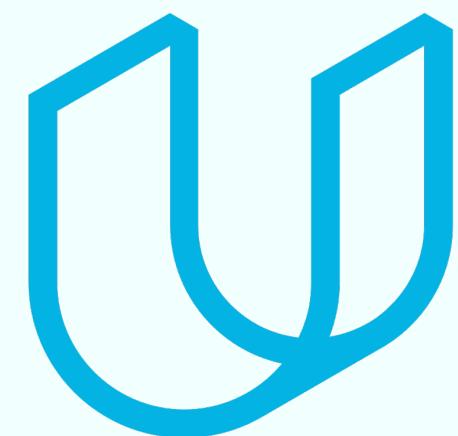
aws



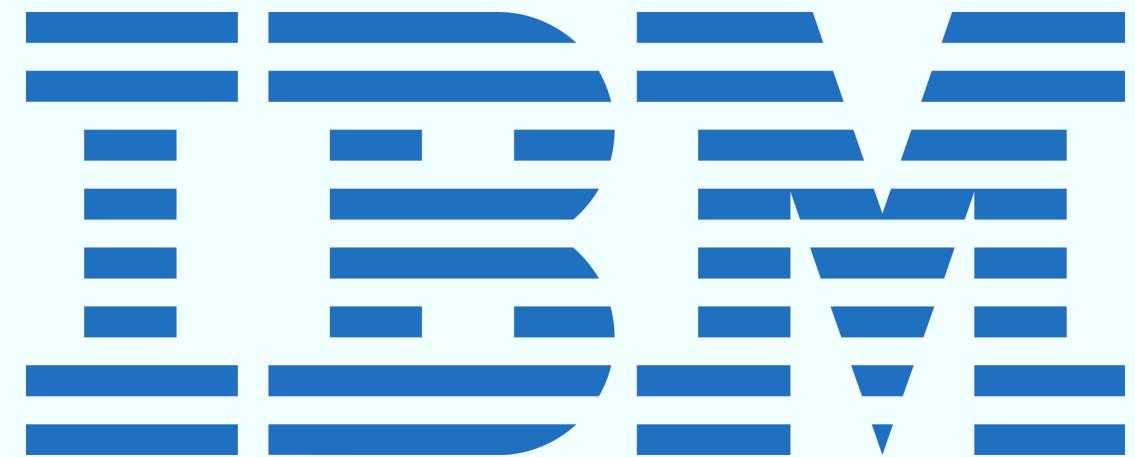
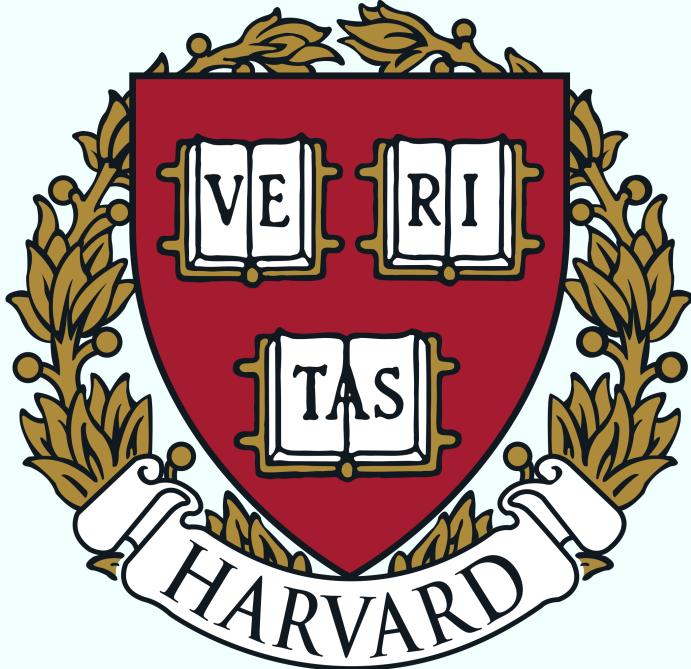
TOP COURSES FOR LEARNING AI



DeepLearning.AI



UDACITY





Introduction to Generative AI

Google Cloud

Introduction to Generative AI



COMPLETION BADGE

What will you learn:

- ✓ Understand the concept of Generative AI and its.
- ✓ Differentiate Generative AI from traditional machine learning.
- ✓ Gain familiarity with Google Tools for developing Generative AI applications.



AI For Everyone

 DeepLearning.AI

Generative AI for Everyone

[Enroll now](#)

What will you learn:

- ✓ Gain a comprehensive understanding of AI beyond technical aspects.
- ✓ Learn how to leverage AI effectively across various roles within the organization.
- ✓ Equip colleagues with the knowledge and skills to maximize the benefits of AI in their respective roles.



Machine Learning Engineer



What will you learn:

- ✓ Acquire the essential skills required for a machine learning engineering position.
- ✓ Get ready to ace the Google Cloud Professional Machine Learning Engineer certification exam.
- ✓ Master the process of designing, developing, and deploying ML models with Google Cloud tools.



Introduction to Large Language Models

Google Cloud

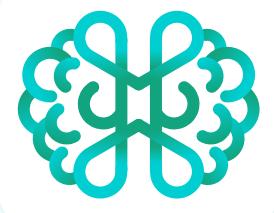
Introduction to Large Language Models



COMPLETION BADGE

What will you learn:

- ✓ Gain an understanding of large language models (LLM) and their applications.
- ✓ Explore various use cases where LLMs can be effectively employed.
- ✓ Learn how to leverage prompt tuning to improve the performance of large language.



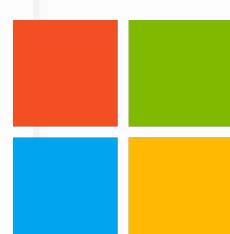
Machine Learning for Beginners

Machine Learning

FOR BEGINNERS

Machine Learning

FOR BEGINNERS



Microsoft

What will you learn:

- ✓ Dive into a comprehensive 12-week, 26-lesson curriculum on Machine Learning.
- ✓ Explore the fundamentals of classic machine learning, focusing on Scikit-learn library.



Introduction to Responsible AI

Google Cloud

Introduction to Responsible AI



COMPLETION BADGE

What will you learn:

- ✓ Understand the concept of responsible AI and its significance.
- ✓ Explore Google's approach to implementing responsible AI in their products.
- ✓ Learn about Google's 7 AI principles and their application in practice.



Introduction to Artificial Intelligence (AI)



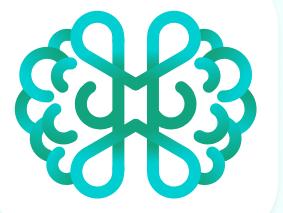
★★★★★ 4.7 (12K) | 308K Students

Introduction to Artificial Intelligence (AI)

coursera

What will you learn:

- ✓ Understand the concept of artificial intelligence (AI), its applications, and real-world examples.
- ✓ Explore key terms such as machine learning, deep learning, and neural networks in the context of AI.
- ✓ Examine various challenges and ethical considerations associated with artificial intelligence.



Artificial Intelligence for Beginners

AI for Beginners by Microsoft

Old Fashioned AI

- Knowledge representation
- Logics
- i-agent systems
- _mac @shwars

Neural Networks / Deep Learning

- Computer Vision
- Convolutional net
- GAN / VAE
- NLP
- Machine Learning
- Natural Language Processing

Expert Systems

Genetic Algorithms

Word Embedding

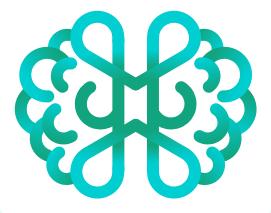
Recurrent Neural Network

Transformer

Machine Learning
aka.ms/ml-beginner

What will you learn:

- ✓ Discover the realm of Artificial Intelligence (AI) through Microsoft's 12-week, 24-lesson curriculum.
- ✓ Delve into Symbolic AI, Neural Networks, Computer Vision, Natural Language Processing, and other AI concepts.



Introduction to Image Generation

Google Cloud

Introduction to Image Generation



COMPLETION BADGE

What will you learn:

- ✓ Gain insight into diffusion models, a class of machine learning models making waves in image generation.
- ✓ Explore how diffusion models, inspired by thermodynamics from physics, have garnered attention in recent years.



Introduction to Data Science Specialization



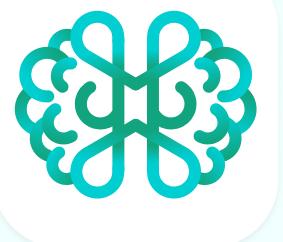
★★★★★ 4.7 (12K) | 85K Students

Introduction to Data Science

coursera

What will you learn:

- ✓ Acquire foundational data science skills to kickstart your career journey.
- ✓ Prepare yourself for a career in data science or further advanced training in the field.
- ✓ Gain essential knowledge and expertise necessary for success in the data science industry.



Transformer Models and BERT Model

Google Cloud

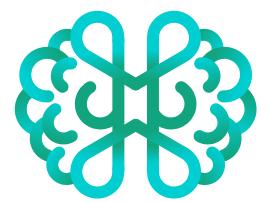
Transformer Models and BERT Model



COMPLETION BADGE

What will you learn:

- ✓ Dive into the Transformer architecture and the Bidirectional Encoder Representations from Transformers (BERT) model.
- ✓ Explore the key elements of the Transformer architecture, including the self-attention mechanism.



Intro to Responsible AI

Google Cloud

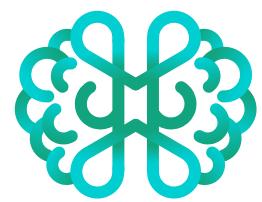
Introduction to Responsible AI



COMPLETION BADGE

What will you learn:

- ✓ Understand the concept of responsible AI and its significance.
- ✓ Learn about Google's approach to implementing responsible AI in their products.
- ✓ Familiarize yourself with Google's 7 AI principles and their application in AI development.



Generative AI Fundamentals

Google Cloud

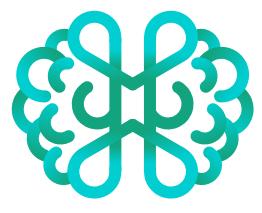
Generative AI Fundamentals

Machine Learning & AI

SKILL BADGE · INTRODUCTORY

What will you learn:

- ✓ Complete the Introduction to Generative AI, Introduction to Large Language Models, and Introduction to Responsible AI courses to earn a skill badge.
- ✓ Pass the final quiz to demonstrate your understanding of concepts in generative AI.



Responsible AI— Applying AI Principles

Google Cloud

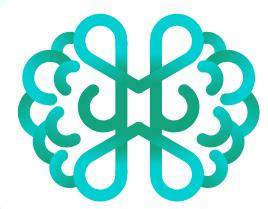
Applying AI
Principles with
Google Cloud



COMPLETION BADGE

What will you learn:

- ✓ Understand the concept of responsible AI and its significance.
- ✓ Learn how Google integrates responsible AI principles into its products.
- ✓ Familiarize yourself with Google's 7 AI principles.



Intro to Artificial Intelligence

Free

Intro to Artificial Intelligence

Course

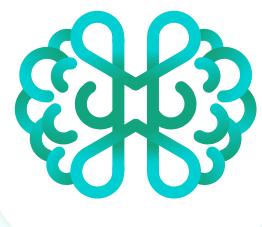
This course will introduce you to the basics of AI. Topics include machine learning, probabilistic reasoning, robotics, computer vision, and natural language processing.

Enroll Now ➔



What will you learn:

- ✓ Gain foundational knowledge of artificial intelligence (AI).
- ✓ Develop a basic understanding of AI principles and applications.



Build Apps with Azure AI Services

OFFICIAL COLLECTION

Build apps with Azure AI services and Power Virtual Agents

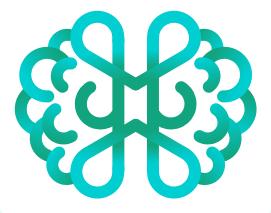
Discover a range of tools to help you build AI-powered apps with Azure AI Services, develop generative AI solutions with Azure OpenAI Services, and explore chatbots and AI models with Microsoft Copilot Studio through this Microsoft Learn Official Collection.

Edited on 11/30/2023

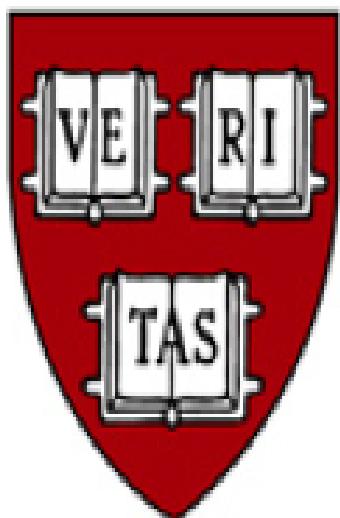
Created by  Microsoft

What will you learn:

- ✓ **Learn to develop AI-powered applications using Azure AI Services.**
- ✓ **Dive into chatbots and AI models with Microsoft Copilot Studio in this Microsoft Learn Official Collection.**



Introduction to AI with Python from CS50



HARVARD
UNIVERSITY

CS50's Introduction to Artificial Intelligence with Python

Free Online Course

What will you learn:

- ✓ Learn graph search algorithms and designing intelligent systems.
- ✓ Gain proficiency in implementing AI concepts in Python programs.
- ✓ Explore a comprehensive range of AI topics and applications.



Introduction to Generative AI Studio

Google Cloud

Introduction to Generative AI Studio



COMPLETION BADGE

What will you learn:

- ✓ Learn about Generative AI Studio, a product on Vertex AI, for prototyping and customizing generative AI models.
- ✓ Test your understanding with a quiz at the end of the course.



Career Essentials in Generative AI



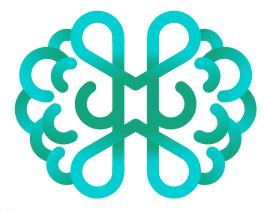
★★★★★ 4.5 (744) | 58K Students

Getting Started with Data Analytics on AWS

coursera

What will you learn:

- ✓ Explain the different types of data analysis - **descriptive, diagnostic, predictive, prescriptive.**
- ✓ How to Build Simple Visualizations in AWS QuickSight for Descriptive Analytics (Using S3, Cloudtrail, Athena).



Generative AI with Large Language Models



DeepLearning.AI

Generative AI with Large Language Models



What will you learn:

- ✓ Acquire fundamental knowledge and practical skills in generative AI.
- ✓ Explore the latest research in Gen AI to understand its applications in creating business value.
- ✓ Receive coaching from expert AWS AI practitioners actively implementing AI in business processes.



Advanced Learning Algorithms

DeepLearning.AI

★★★★★ 4.9 (4.5K) | 203K Students

Advanced Learning Algorithms

coursera

What will you learn:

- ✓ Construct and train a TensorFlow neural network proficient in multi-class classification tasks.
- ✓ Implement industry-standard machine learning development practices to ensure model generalization to real-world data.



Encoder-Decoder Architecture

Google Cloud

Encoder-Decoder Architecture



COMPLETION BADGE

What will you learn:

- ✓ Gain an overview of the encoder-decoder architecture, essential for sequence-to-sequence tasks like machine translation and text summarization.
- ✓ Learn about the key components of the encoder-decoder architecture and how to train and deploy these.



Create Image Captioning Models

Google Cloud

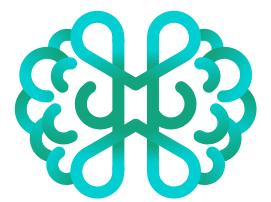
Create Image Captioning Models



COMPLETION BADGE

What will you learn:

- ✓ Learn to develop an image captioning model using deep learning techniques.
- ✓ Gain skills in training, evaluating, and deploying your image captioning model to generate captions for images.



Attention Mechanism

Google Cloud

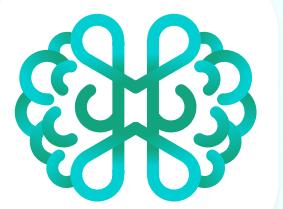
Attention Mechanism



COMPLETION BADGE

What will you learn:

- ✓ Gain an understanding of the attention mechanism and its significance in neural networks.
- ✓ Learn how attention can enhance the performance of machine learning tasks like machine translation and text summarization.



Advanced Machine Learning

Google Cloud

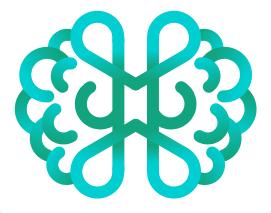
★★★★★ 4.5 (1.9K) | 15K Students

Advanced Machine Learning on Google Cloud

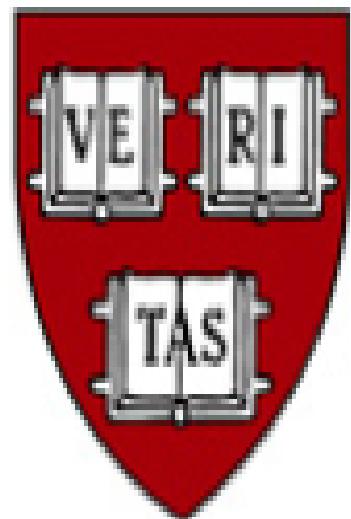
coursera

What will you learn:

- ✓ Master advanced machine learning concepts on Google Cloud Platform.
- ✓ Gain hands-on experience optimizing, deploying, and scaling ML models.
- ✓ Complete practical labs to enhance your skills in real-world scenarios.



Data Science: Machine Learning



HARVARD
UNIVERSITY

Data Science: Machine Learning

Build a movie recommendation system and learn the science behind one of the most popular and successful data science techniques.

What will you learn:

- ✓ Develop a movie recommendation system.
- ✓ Gain insights into the science behind data science techniques.
- ✓ Explore one of the most popular and successful data science methodologies.



Tensorflow

Google Cloud

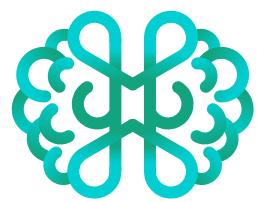
Tensorflow on Google Cloud



COMPLETION BADGE

What will you learn:

- ✓ Learn to create TensorFlow and Keras machine learning models and understand their essential elements.
- ✓ Utilize the `tf.data` library to handle data manipulation and large datasets effectively.



Introduction to Machine Learning on AWS



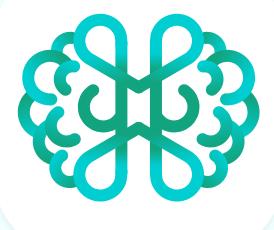
★★★★★ 4.5 (84) | 18K Students

Introduction to Machine Learning on AWS

coursera

What will you learn:

- ✓ **Distinguish between artificial intelligence (AI), machine learning, and deep learning.**
- ✓ **Identify the appropriate AWS machine learning service suited to your specific needs.**
- ✓ **Develop the ability to build, train, and deploy machine learning models effectively.**



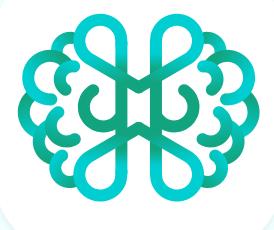
Structuring Machine Learning Projects

Structuring Machine Learning Projects



What will you learn:

- ✓ Learn to build a successful machine learning project.
- ✓ Gain practical experience in decision-making as a machine learning project manager.
- ✓ Deepen your understanding of machine learning methodologies in the third year of the specialization.



Generative Adversarial Networks (GANs) Specialization

Generative Adversarial Networks (GANs) Specialization



What will you learn:

- ✓ Gain insight into GAN components and construct basic GANs with PyTorch, progressing to advanced DCGANs employing convolutional layers.
- ✓ Learn to oversee and manage your GAN effectively while building conditional generative models.