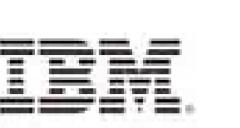
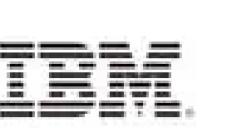


TOP
30

BEST ONLINE COURSES IN ARTIFICIAL INTELLIGENCE FOR 2023 - LATEST UPDATE

AI
AIFIRE.CO

NO	COURSE	BY	DESCRIPTION	LINK
1	Artificial Intelligence: Implications for Business Strategy (MIT Management Executive Education)	 MIT MANAGEMENT EXECUTIVE EDUCATION	A step-by-step guide designed to teach you the fundamental concepts of AI and its business applications to better business strategies. Learn to gain strategic advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Be able to build a framework for an organization to gain strategic advantage with artificial intelligence. Gain relevant competencies and earn valuable recognition from an international selection of universities.	https://mit-online.getsmarter.com/presentations/lp/mit-artificial-intelligence-online-short-course/
2	Post Graduate Certificate Program in AI and Machine Learning (IBM – Purdue University)	 PURDUE UNIVERSITY	A practical postgraduate program that will take you on a learning journey to help you cultivate your career in AI, Deep learning, and Machine learning. Learn about multiple AI-based technologies, such as machine learning, deep learning, computer vision, natural language processing, reinforcement learning, and speech recognition. Master the concepts of Deep Learning that will help you build artificial neural networks and traverse layers of data abstraction with tools like TensorFlow and Keras. Know about the concepts of NLP, feature engineering, automated speech recognition, speech to text conversion, text to speech conversion, and voice assistant devices.	https://www.simplilearn.com/pgp-ai-machine-learning-certification-training-course
3	Artificial Intelligence (Northwestern Kellogg School of Management)	 Northwestern Kellogg School of Management	Learn to manage customer expectations and develop AI models accordingly. Multiple case studies that allow you to get a better understanding of the challenges faced in the real world. Get answers to your queries from a dedicated support team. Complete the exercises and get feedback on your performance. Work with real-life-based data. Pass the exam with at least 80% to earn the certification.	https://online.em.kellogg.northwestern.edu/artificial-intelligence
4	Artificial Intelligence: Business Strategies and Applications (Berkeley ExecEd)	 Berkeley ExecEd	Designed with a hands-on approach that will help you build a bridge between engineering and technical aspects of AI with business applications. Learn how to organize and manage successful AI application projects while avoiding pitfalls associated with these new technologies. Grasp the technical aspects of AI so that you can communicate effectively with technical teams and colleagues. Build your leadership credibility by obtaining a certificate of completion from UC Berkeley Executive Education. Gain continuous support and assistance from the world-class faculty who will help you understand the critical concepts.	https://em-executive.berkeley.edu/artificial-intelligence-business-strategies
5	Designing and Building AI Products and Services (MIT xPRO)	 MIT xPRO	A well-structured program to help you learn the various stages of designing AI-based products with a broad understanding of data analytics. Gain knowledge of the fundamentals of the machine and deep learning algorithms while applying the insights to solve practical problems. Improve your overall understanding of AI technology fundamentals and tools while exploring multiple design processes. Learn to differentiate between machine learning algorithms, design AI products to solve organizational issues, and apply machine learning methods. Be able to assess multiple AI opportunities in various fields like healthcare, IT, and education.	https://executive-ed.xpro.mit.edu/designing-building-ai-products-services
6	Artificial Intelligence & Machine Learning Bootcamp (Caltech CTME)	 Caltech	A well-established and recognized curriculum that will take you on an exclusive tour for NASA's Jet Propulsion Lab and Caltech's Robotics Lab. Validate your AI & ML skills by receiving a program completion certificate from Caltech CTME and IBM certificates for IBM courses. Earn up to 22 CEUs from Caltech CTME and Caltech CTME Circle Membership on the completion of the program. Learn about several technologies, including deep learning, NLP, neural networks, speech recognition, and computer vision.	https://pg-p.ctme.caltech.edu/ai-machine-learning-bootcamp-online-certification-course
7	Machine Learning AI Certification by Stanford University (Coursera)	 Stanford University	Understand parametric and non-parametric algorithms, clustering, dimensionality reduction among other important topics. Gain best practices and advice from the instructor. Interact with your peers in a community of like-minded learners from all levels of experience. Real-world based case studies give you the opportunity to understand how problems are solved on a daily basis. The flexible deadline allows you to learn at your convenience. Learn to apply learning algorithms to build smart robots, understand text, audio, database mining.	https://www.coursera.org/learn/machine-learning
8	IBM AI Engineering Professional Certificate (Coursera)	 IBM	Learn how to utilize the popular machine learning and deep learning libraries like SciPy, ScikitLearn, PyTorch, etc. Learn how TensorFlow is applied to industry problems involving text analytics, object recognition, natural language processing, and other types of classifiers. Dive into the individual concepts of machine learning with an approachable and professional programming language, Python. Obtain the skills to scale data science and machine learning tasks on Big Data sets using Apache Spark. Be able to build, train, and deploy different types of deep architectures, as well as convolutional networks, recurrent networks, and autoencoders.	https://www.coursera.org/professional-certificates/ai-engineer
9	Professional Certificate in Machine Learning and Artificial Intelligence (Imperial College Business School)	 Imperial College Business School Executive Education	Learn about the latest AI tools, techniques, and applications to stay ahead of the curve and gain better growth trajectories. Leverage the power of data and evaluate standard machine learning methods to improve predictive performance and refine decision-making strategies. Equip yourself with a unique combination of advanced technical expertise and business acumen that will give you a competitive edge. Earn a verified digital certificate of completion from Imperial College Business School Executive Education to enhance your career growth.	https://execed-online.imperial.ac.uk/professional-certificate-ml-ai
10	Artificial Intelligence Courses (Including Free Courses) (Udemy)	 Udemy	A massive list of AI courses to choose from, each of which is designed to give you in-depth knowledge of basics as well as advanced concepts. Developed and reviewed by expert instructors of AI who will assist you at every stage of learning. Avail multiple video lectures, notes, quizzes, and practice exams to review your skills and test your knowledge in the subject. Learn skills like Python programming, machine learning, deep learning, neural networks, TensorFlow, and much more.	https://www.udemy.com/topic/artificial-intelligence/
11	Free Course Trial – AI For Everyone by Andrew Ng (Coursera)	 DeepLearning.AI	Understand what it is like to build machine learning and data science projects. Work with an artificial intelligence team and build a strategy in your company. Navigate ethical and societal discussions surrounding this field. The lessons do not require any prerequisites, hence it can be taken by anyone with any level of experience. The deadlines of the classes can be adjusted as per your convenience.	https://www.coursera.org/learn/ai-for-everyone
12	Machine Learning: Fundamentals and Algorithms (Carnegie Mellon University)	 Carnegie Mellon University School of Computer Science Executive Education	A comprehensive learning program ideally designed for individuals who have Python programming experience and want to expand their knowledge in ML algorithms. Learn how to work with analytics in a data-dense environment with the responsibility of publishing reports. Learn how to synthesize machine learning components to generate functional tools for the prediction of unseen data. Be able to implement and analyze learning algorithms for classification, regression, and clustering. Involve yourself in the peer discussion sessions to resolve your queries and learn more about AI & ML.	https://execonline.cs.cmu.edu/machine-learning
13	Deep Learning by Andrew Ng (Coursera)	 DeepLearning.AI	Learn about convolutional networks, RNNs, BatchNorm, Dropout and more. The lessons will help you to learn different techniques using which you can build models to solve real-life problems. Real-world case studies in fields such as healthcare, autonomous driving, sign language reading, music generation, and natural language processing are covered. Gain best practices and advice from industry experts and leaders. Complete all the assessments and assignments as per your schedule to earn the specialization completion certification.	https://www.coursera.org/specializations/deep-learning
14	Introduction to Artificial Intelligence by IBM (Coursera)	 IBM	Learn and understand AI concepts and useful terms like machine learning, deep learning, and neural networks. No prior knowledge of programming or computer science required to enroll in this course. Get advice from experts about learning artificial intelligence better and how to start a career in this growing field. Be eligible to enter into other classes and programs like AI Foundations, IBM Applied AI professional certificate after finishing this course. 100% flexible course with no deadlines and freedom to study from your own pace.	https://www.coursera.org/learn/introduction-to-ai
15	The Business of AI (London Business School)	 London Business School	A valuable program to help you stay up-to-date with AI technology trends, understand different applications of AI, and learn how to implement it in your business to reduce costs. Learn how to use tools for developing a relationship with early customers and managing cash flows with a pay-in-advance model. Be able to examine positive and negative experiences that you may encounter while applying AI applications in your organization, and learn how to anticipate and prevent potential problems.	https://www.london.edu/executive-education/online-courses/the-business-of-ai
16	TensorFlow for Artificial Intelligence by deeplearning.ai (Coursera)	 DeepLearning.AI	This lesson can be taken by anyone who has prior experience in Python. The instructor helps you to work with the fundamental features with the help of examples. Build a basic neural network and train it for a computer vision application. Understand how to use convolutions to improve your neural network. The training consists of tips and techniques along with assessments.	https://www.coursera.org/learn/introduction-tensorflow
17	Become an AI Product Manager Nanodegree Certification (Udacity)	 UDACITY	Learn from a team of expert instructors who designed this course keeping end-user requirements in mind. Gain foundational knowledge of machine learning and artificial intelligence, and learn how to develop a business case for an AI app. Learn how to create a high-quality data set and how data fits in a particular use case. A flexible learning program that allows you to learn from your own pace without any deadlines. Avail resume services, LinkedIn profile review, GitHub review, and interview preparation classes.	https://www.udacity.com/course/ai-product-manager-nanodegree--nd088
18	Artificial Intelligence Nanodegrees (Udacity)	 UDACITY	One of the best platforms to get started with free AI and ML courses. Get a 1-on-1 technical mentor who will guide you to learn every concept deeply and answer your queries while keeping you motivated. Learn from your own pace with flexible learning program and easy monthly payments. Access real-world projects designed by industry experts to master your tech skills. Get a Certification of Completion with every course that you complete.	https://www.udacity.com/school-of-ai
19	Free Artificial Intelligence Courses (edX)	 edX	A variety of courses to choose from based on your knowledge and requirements that will help you learn core concepts. Know about the fundamentals of AI, Machine Learning, Robotics, and how they are useful in the upcoming time. Understand computer science, math, psychology, natural language processing, neuroscience, data science, and many other disciplines. Learn how to manipulate robotic arms, represent 2D and 3D spatial relationships, and explore unsupervised learning techniques. Take guidance and help from instructors of top institutions who will assist you at every step of learning.	https://www.edx.org/learn/artificial-intelligence
20	Artificial Intelligence A-Z: Learn How To Build An AI (Udemy)	 Udemy	As this is a beginner level course, therefore this course is perfect for learners with little or no basic programming experience. Concepts covered include deep convolutional Q-Learning, the theory behind Artificial Intelligence and more. Build a virtual self-driving car and to optimize it. Continuous support from the instructors and doubt clarification. 113 Lectures + 14 Articles + Full lifetime access. Complete guidance to perform all the necessary configuration and installations.	https://www.udemy.com/course/artificial-intelligence-a-z/
21	Introduction to Generative AI	 Google Cloud	Designed to be an overview of what generative AI is and how it differs from machine learning methods.	https://www.cloudskillsboost.google/course_templates/536
22	Introduction to Large Language Models	 Google Cloud	Explores what large language models are, where they are used, and how to use prompt tuning. (If you haven't noticed, prompt writing is being touted as a skill of the future right now.)	https://www.cloudskillsboost.google/course_sessions/3634938/video/379143
23	Introduction to Responsible AI	 Google Cloud	An ethical course on what responsible AI is, how it's implemented in Google products, and why it's important. This course introduces Google's 7 AI Principles. I didn't know this was a thing, but there's a whole page devoted to it. Covering topics from social responsibility, to safety, accountability and privacy design principles, I was happy to see that there is large effort being paid to build in solid principles.	https://www.cloudskillsboost.google/course_templates/554
24	Generative AI Fundamentals	 Google Cloud	A quiz covering topics from the first three courses.	https://www.cloudskillsboost.google/course_sessions/3652912/quizzes/381263
25	Introduction to Image Generation	 Google Cloud	An introduction to diffusion models which are a family of models used in image generation. Some pre-existing knowledge of machine learning, deep learning, convolutional neural nets and/or Python programming is suggested.	https://www.cloudskillsboost.google/course_templates/541
26	Encoder-Decoder Architecture	 Google Cloud	Overview of a machine learning architecture for tasks like machine translation, text summarization, and question answering. Python and Tensorflow knowledge is suggested as a prerequisite.	https://www.cloudskillsboost.google/course_templates/543
27	Attention Mechanism	 Google Cloud	A technique that allows neural networks to focus on specific parts of an input sequence. Some pre-existing knowledge of machine learning, deep learning, natural language processing, and/or Python programming is suggested.	https://www.cloudskillsboost.google/course_templates/537
28	Transformer Models and BERT Model	 Google Cloud	Bidirectional Encoder Representations from Transformers...this is what BERT stands for in case you didn't know. You'll learn the main components of the Transformer architecture and intermediate machine learning experience as well, and knowledge of Python and TensorFlow are recommended.	https://www.cloudskillsboost.google/course_sessions/363501/video/377866
29	Create Image Captioning Models	 Google Cloud	How to create an image captioning model using deep learning. Deep learning, machine learning, natural language processing, computer vision and Python are recommended prerequisites.	https://www.cloudskillsboost.google/course_sessions/3652936/video/379207
30	Introduction to Generative AI Studio	Google Cloud	You'll walk through demos of the Generative AI Studio which helps prototype and customize generative AI models. There is a hands-on lab at the end.	https://www.cloudskillsboost.google/course_templates/552

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