



The Training Company

Introduction to Artificial Intelligence

By : The Training Company TM

Short course, assessment, exam and certification.

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Becoming an expert in AI will **enable you to challenge current ways of working and change the way you perceive most things**. Highlighting yourself as someone who strives for positive change, as well as an eagerness to learn the latest technologies could take you a long way in your career.

Artificial Intelligence (AI) is changing the way we see the world, not only in technical areas, but across a vast array of industries. Learning and understanding AI, how it works, and what benefits it can have for your business and sector is the first step to a successful career in the future. Completing an Artificial Intelligence certificate could be the way to separate you or your business from the crowd and be at the frontier of technological changes in the future.

Be at the forefront of the future

Humans are getting smarter, and as a result, so is our technology. From machine learning, to algorithms and robotics, learning AI online at the the training center covers an extensive range of AI and machine learning tools and ICT techniques to apply to your industry. Understanding how AI works, but most importantly, how to implement it in your industry and job role, is a crucial step to integrating into the changing technological landscape.

What you learn from one week to the next might adapt due to the ever-changing world of AI, creating such an innovative and exciting learning environment for you.



Enhance your employ-ability

Boosting your technical skills by understanding the world of AI and how it applies to your business and job role, or the career of your dreams, is one of the many reasons to up-skill in this field. All of the topics in our courses are based on the the skills that employers are actively seeking within the AI sector.

Learning these new skills that can be applied directly to real-world scenarios will enhance your employ-ability. Not only will you enhance your practical application of AI, but you'll have a credible qualification totally focused on AI, demonstrating that you see the value of AI for your sector. It also makes you an attractive candidate for developing, managing and planning AI solutions in your role, business or sector.



Study online and continue your career

Our courses are available in distance learning, online, classroom and on premises formats. This allows you to learn whenever suits you best, wherever you are in the world. This allows you to fit your study flexibly around your work commitments and personal responsibilities, whether that is family and hobbies or activities that you complete in your free time. Incorporating online study into your daily routine allows you to study when you are most productive, whether that is first thing in the morning before you start work, during a lunch break, or after work.



Studying with us also means that you can continue in your current job role to simultaneously advance your practical and academic knowledge. This makes the learning material much more enjoyable and easier to comprehend as you can see first-hand the impact that you are making in the workplace and in your online course.

Push for best practice in your industry

The course curriculum as well as diverse and highly relevant, is taught by computer scientists specifically for professionals who recognize the importance of AI to their sector. This means that the course content is presented at a level that encourages you to critically engage in pushing the boundaries of best practice in your industry and potentially changing the way you impact business efficiencies in your sector.

Becoming an expert in AI will enable you to challenge current ways of working and change the way you perceive most things. Highlighting yourself as someone who strives for positive change, as well as an eagerness to learn the latest technologies could take you a long way in your career.



Network with experts across the world

Studying in a group allows you to grow your global network as you collaborate with professionals living and working across the world. This happens through live seminars, discussion forums, group projects and more. Networking with people experiencing similar challenges across a variety of industries across the globe enriches your experience and gives you a deeper understanding of AI in your sector and others too.

On an academic level, being able to discuss ideas with others can help you to understand and illustrate your work with examples. It also helps get experience in working with remote teams.



Topics in this Introduction to AI course

What is AI

Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the intellectual processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience.

What is Machine Learning

Big data in AI

Some AI Terms

What is an AI enabled company ?

What machine learning can and cannot do

What is deep learning

Workflow of a machine learning project

Workflow of a data science project

Data analyst skills

How to choose an AI project

How to make an AI team

Technical tools for AI teams

Some AI Case studies

Roles of an AI team

AI Transformation Playbook

AI pitfalls to avoid

How to get started in AI

AI application areas

AI techniques

A realistic view of AI

Discrimination and Bias in AI

Adversarial attacks on AI

Adverse uses of AI

How AI can help developing economies

AI and future jobs

Estimated times for this course.

Self Study : 20 hours.

Exams and assessments : 2 hours.

Online discussions : 4 hours.

The actual time required shall vary depending on the students methods of learning.

Course fees : LTC 2 (USD 202 / PKR 37537)

Includes :

Access to course material

Assessments

Exams

Shareable certificate

Printed certificate

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