

Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502)

Category: AI

Duration: 16.00 hours (2 days)

13.0 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Exploring AI & Machine Learning for the Enterprise Overview (with Light Hands-on) is a basic, primer-level course designed to provide you with a solid first-look at essential AI and machine learning technologies, related cutting-edge skills, and the innovative tools that support them, with a focus on how they are applied in business in a practical way. These transformative technologies offer paths to enhance decision-making, quickly modernize and improve operational efficiency, and drive innovation within your organization. Our engaging AI practitioner will guide you through useful lectures, valuable demonstrations and group discussions, along with light-hands-on activities working with some of the core skills and tools. Throughout the course, you'll learn what AI is and isn't, differentiating between AI, Machine Learning and Deep Learning, and what's happening with trending Large Language Model use. You'll also examine processing language, images, and audio with AI. No deep math skills required. We'll also touch on hot topics and trends in AI, NLP, Neural Networks, Generative AI, GPT, and a preview of what's next for AI in the business context. You'll exit the class with a high-level understanding of these technologies to a conversant level, able to move forward to engage in related discussions and participate in strategic decisions around AI and Machine Learning implementations, as well as ready to springboard into next-level learning programs in these areas.

About This Course

Exploring AI & Machine Learning for the Enterprise Overview (with Light Hands-on) is a basic, primer-level course designed to provide you with a solid first-look at essential AI and machine learning technologies, related cutting-edge skills, and the innovative tools that support them, with a focus on how they are applied in business in a practical way. These transformative technologies offer paths to enhance decision-making, quickly modernize and improve operational efficiency, and drive innovation within your organization. Our engaging AI practitioner will guide you through useful lectures, valuable demonstrations and group discussions, along with light-hands-on activities working with some of the core skills and tools. Throughout the course, you'll learn what AI is and isn't, differentiating between AI, Machine Learning and Deep Learning, and what's happening with trending Large Language Model use. You'll also examine processing language, images, and audio with AI. No deep math skills required. We'll also touch on hot topics and trends in AI, NLP, Neural Networks, Generative AI, GPT, and a preview of what's next for AI in the business context. You'll exit the class with a high-level understanding of these technologies to a conversant level, able to move forward to engage in related discussions and participate in strategic decisions around AI and Machine Learning implementations, as well as ready to springboard into next-level learning programs in these areas.

Who Should Attend

This course is ideally suited for a wide variety of technical learners just getting started with AI or machine Learning, seeking a primerlevel overview of these technologies, skills and related tools.

Attendees might include:

Developers aspiring to be a 'Data Scientist' or Machine Learning engineers

Analytics Managers who are leading a team of analysts

Business Analysts who want to understand data science techniques

Information Architects who want to gain expertise in Machine Learning algorithms

Analytics professionals who want to work in machine learning or artificial intelligence

Graduates looking to build a career in Data Science and machine learning

Experienced professionals who would like to harness machine learning in their fields to get more insight about customers

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Throughout the course you'll:

Gain a clear introduction to the exciting world of AI and Machine Learning, along with current trends and tools, enabling you to participate confidently in strategic discussions and help to make informed decisions.

Get a hands-on introduction to a few user-friendly tools and skills offering you a taste of the practical side of AI and Machine Learning.

Explore the practical business applications of AI and Machine Learning in an everyday context, and the potential influence of these technologies on your organization.

Learn the basics about algorithms, NLP, Neural Networks, GPT, Generative AI and other innovative tools, and how

Explore how AI plays a pivotal role in processing language, images, and audio

Learn how organizations maximize use of these technologies to their benefit to improve processes and maximize efficiencies

Additional Course Details

Nexus Humans Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 2-day Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502)?

Yes, we provide corporate training, dedicated training, and closed classes for Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024


Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Exploring AI & Machine Learning for the Enterprise / Hands-On Overview (TTML5502) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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