AI+ Prompt Engineer: Level 2

Category: AI, Data & Analytics | **Vendor:** AI Certs

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	AI+ Prompt Engineer: Level 2
Related Exam:	AI+ Prompt Engineer: Level 2

Course Overview

The AI+ Prompt Engineer : Level 2 course explores advanced strategies for prompt engineering, including multi-turn interactions, contextual techniques, and optimization tools. Participants gain a deep understanding of creating effective, domain-specific prompts while integrating them into cutting-edge AI applications. The course bridges theoretical knowledge with practical applications in AI development.

About This Course

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Who Should Attend

AI Engineer

Prerequisites & Entry Requirements

General Prerequisites:

Basic knowledge of RESTful services and API interactions. , Basic understanding of AI concepts and language models.

Learning Outcomes

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

Course Objectives

- Analyze and apply effective principles for crafting and optimizing prompts.
- Design advanced prompts for multi-turn interactions, contextual/conditional scenarios, and domain-specific use cases.
- Implement stateful and role-based prompt engineering strategies for adaptive and impactful AI solutions.
- Leverage meta-prompting and autonomous refinement techniques to enhance AI-driven interactions.
- Optimize prompts using automated tools, A/B testing, and reinforcement learning approaches.
- Seamlessly integrate prompts with development tools, repositories, and version control systems.
- Explore innovative applications of prompt engineering across domains such as NLP, business, and creative industries.
- Solve real-world challenges through hands-on projects in AI-driven customer support, personalized content creation, and data analysis.

Detailed Course Outline

- Introduction to Prompt Engineering for Developers

  Overview of Prompt Engineering Basics of API Interaction Understanding Prompt Structures Case Studies and Best Practices Hands-on Exercise

- Advanced Prompt Design and Engineering

  Designing Advanced Prompt Techniques Designing Multi-Turn Interactions Contextual and Conditional Prompting Crafting Domain-Specific Prompts Contextual and Stateful Prompt Engineering Meta-Prompting and Autonomous Refinement Hands-on Exercise

- Experimentation and Optimization

  Automated Prompt Optimization Tools A/B Testing and Evaluation Reinforcement Learning for Prompt Engineering

- Designing Advanced Strategies for Prompt Engineering

  Contextual and Role-Based Prompting Adaptive and Multimodal Prompting

- Integration with Development Tools

  Integrating with Popular Development Tools for Prompt Engineering Code Repositories and Templates for Prompt Engineering Developer Communities and Forums for Prompt Engineering Version Control in Prompt Engineering Projects

- Applications of Prompt Engineering in Various Domains

  Natural Language Processing (NLP) Applications using Prompt Engineering Business Applications using Prompt Engineering Creative Applications using Prompt Engineering

- Project-Based Learning: Real-World AI Projects using prompt Engineering

  Project 1: AI-Driven Customer Support Project 2: Personalized Content Generation Project 3: AI in Data Analysis

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, Introduction to Prompt Engineering for Developers, Advanced Prompt Design and Engineering, Experimentation and Optimization, Designing Advanced Strategies for Prompt Engineering, Integration with Development Tools, Applications of Prompt Engineering in Various Domains, Project-Based Learning: Real-World AI Projects using prompt Engineering, Optional Module: AI Agents for Prompt Engineering

□□ Certification Path

AI+ Prompt Engineer: Level 2

Exam: AI+ Prompt Engineer: Level 2

Additional Course Details

Nexus Humans AI+ Prompt Engineer: Level 2 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 AI+ Prompt Engineer: Level 2 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 AI+ Prompt Engineer: Level 2?

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

Q: What certification does this course prepare me for?

The AI+ Prompt Engineer: Level 2 course helps prepare you for the AI+ Prompt Engineer: Level 2 certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI+ Prompt Engineer: Level 2 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day AI+ Prompt Engineer: Level 2 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI+ Prompt Engineer: Level 2 training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI+ Prompt Engineer: Level 2?

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Prompt Engineer: Level 2. 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: What related terms do people search for?

Popular related searches include: AI+ Prompt Engineer: Level 2, AI Certs, vILT, AI+ Prompt Engineer

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Q: Why choose Nexus Human for AI+ Prompt Engineer: Level 2?

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 **PENPAL5** when booking your AI+ Prompt Engineer: Level 2 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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