AI Fundamentals with Prompt-a-Thon (Claude Edition)

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

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This one-day course introduces participants to the fundamentals of Artificial Intelligence (AI) and hands-on practice with Anthropic’s Claude, an advanced conversational AI model. In the morning, learners explore what AI is, how Claude fits into the broader AI ecosystem, and how to craft effective prompts tailored to Claude’s strengths, particularly its nuanced reasoning and summarization capabilities. In the afternoon, participants engage in a guided Prompt-a-Thon, collaborating in teams to apply Claude to real-world workplace challenges. The experience builds confidence and creativity while reinforcing core prompting and ethical AI principles.

About This Course

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Who Should Attend

Professionals interested in understanding and applying AI using Claude to improve their productivity and problem-solving. No technical background required.

Prerequisites & Entry Requirements

General Prerequisites:

- Basic computer literacy
- No prior AI or coding experience needed

Learning Outcomes

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

Define AI and describe its role in today’s workplace. Explain how Claude and similar large language models (LLMs) function. Recognize common AI use cases that enhance productivity, communication, and creativity. Apply effective prompting strategies specific to Claude, including contextual and chain-of-thought prompting. Evaluate and refine prompts to achieve accurate and useful responses. Collaboratively design and present an AI-driven solution using Claude. Discuss ethical considerations such as bias, privacy, and transparency in generative AI.

Detailed Course Outline

1 - Welcome & Course Overview

- Introductions and learning goals
- Course flow and expectations

2 - Introduction to AI Concepts

- What is AI?
- Core terminology: models, parameters, tokens, hallucinations, context windows
- How Claude differs from other LLMs (e.g., Gemini, ChatGPT)
- Real-world examples of AI in work and life

3 - Introduction to Anthropic’s Claude

- Overview of Anthropic and the Claude family of models
- How Claude handles reasoning, summarization, and document analysis
- Interface walkthrough (Claude.ai, integrations with Notion, Slack, etc.)
- hen to use Claude vs. other AI assistants

4 - Prompting Fundamentals in Claude

- What is prompting and why it matters
- The anatomy of a Claude-optimized prompt
- Key prompt types with examples and live demos:
  - Instructional prompts
  - Question prompts
  - Role-based prompts
  - Contextual/few-shot prompts
  - Chain-of-thought and reasoning prompts
  - Refinement and iteration prompts
- Hands-on practice: crafting, testing, and improving prompts in Claude

5 - Transition to Prompt-a-Thon

- Overview of the Prompt-a-Thon challenge and goals prompts
- Team formation and expectations prompts
- Tips for applying Claude effectively during the Prompt-a-Thon

6 - Kickoff & Instructions

- Review of structure and deliverables
- Emphasis on creativity, iteration, and collaboration

7 - Group Brainstorming

- Identify time-consuming or repetitive workflows suitable for AI assistance
- Select one challenge per team

8 - Prompt Design & Iteration

- Develop prompts in Claude to address the challenge
- Experiment with context, tone, and structure
- Document iterations and results

9 - Group Review & Selection

- Teams share best examples and decide on final approach

10 - Presentations & Wrap-Up

- Present problem, prompts, iterations, and outcomes
- Peer and instructor feedback
- Discussion: lessons learned, ethical reflections, and real-world application

Frequently Asked Questions

Q: What delivery options are available for AI Fundamentals with Prompt-a-Thon (Claude Edition)?

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: How many CPD hours does this course provide?

The 1-day AI Fundamentals with Prompt-a-Thon (Claude Edition) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI Fundamentals with Prompt-a-Thon (Claude Edition) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI Fundamentals with Prompt-a-Thon (Claude Edition)?

Yes, we provide corporate training, dedicated training, and closed classes for AI Fundamentals with Prompt-a-Thon (Claude Edition). 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 AI Fundamentals with Prompt-a-Thon (Claude Edition)?

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 Fundamentals with Prompt-a-Thon (Claude Edition) 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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