AI for Business Analysis

Duration

In Person: 2 days
LiveOnline: 3 sessions of 4.5 hours

PDUs

This course will contribute 14 PMI® professional development units (PDUs) towards your chosen certification (12 Ways of Working and 2 Business Acumen).

Are you looking to expand your skills in using Artificial Intelligence (AI) to transform your business analysis and become a leader in leveraging emerging technologies?

The future of business analysis lies at the intersection of human creativity and technological leverage. Our AI for Business Analysis course is an immersive and interactive journey to prepare experienced BA professionals for the AI-empowered future. Through real-world exercises with leading AI agents and tools, gain first-hand experience planning initiatives, analysing requirements and devising solutions. You will learn methods of "prompt engineering" for using generative AI agents to produce key BA artefacts, research new subject matters, evaluate work, and conduct interviews with subject matter experts. Whilst balancing AI's power to create content with human judgment, you will discover AI dialogue techniques that will enable iterative and incremental analysis and development.

Learning Outcomes

During this course you will learn about:

- Automating analytical tasks using AI assistants
- Rapidly developing key project artefacts like charters, stories and models
- Using natural language generators to accelerate documentation and prototyping
- Training generative AI to simulate stakeholder
- interviews and surveys
- Strategies and techniques for managing the vast content created by AI
- Creating frameworks for validating and refining AI outputs for accuracy
- Providing effective feedback to progressively improve AI understanding
- Maintaining clear human oversight and control while leveraging AI capabilities
- Developing ethical and responsible adoption practices for AI in business analysis

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Intended For

This course is aimed at:
- Business Analysts wanting to utilise AI to automate and assess analytical tasks and artefacts
- Development team members wanting to accelerate content creation and insights whilst balancing responsible and ethical oversight
- Anyone looking to be skilled in AI augmentation and innovation

Prerequisites

To get the most out of this course, it is recommended that participants have foundational knowledge of business analysis through formal training like our Business Systems Analysis or Business Analysis Fundamentals courses or have relevant experience working in a business analysis context.

Content

Topics and exercises covered in the course include:

- Understanding AI's Role in Business Analysis
- Using AI to Jumpstart a Project
  - Applying prompt engineering techniques to plan and refine a product
- Organising AI-Created Content
  - Transforming AI outputs and transforming them into coherent, valuable resources
- Crafting User Stories with AI
- AI and Stakeholder Interviews
  - Training simulated interviews by taking on personas and responding to questions
- Potential Pitfalls and Social Risks
  - Detecting "hallucinations" and critically evaluating and validating AI results
- Requirements Analysis and Solution Design
  - Using AI to create many valuable BA artefacts such as process models and ERDs
- AI-Assisted UI Design
  - Transforming AI outputs into visual representations to produce UI prototypes
- Writing Tests with AI
  - Creating test scenarios and evaluating results to catch errors or gaps in coverage
- AI for Complete, Consistent, & Coherent Analysis
  - Strategies for responsible creation of AI-created artifacts under human supervision
- Creative Applications of Generative A
  - Using generative AI for writing, education and presentation design .
- Implementing AI-Driven Business Analysis
  - Responsibly leveraging AI's potential in business analysis under human supervision

Lecturing is kept to the minimum necessary where most of the learning is achieved by applying the practices and techniques in group exercises. Our LiveOnline delivery is over three days (each four and a half hours in duration). The instructor is 100% live and interaction and learning objectives are the same as our in-person classes with the added benefit of being able to take this course from your home, your office or your home office. Since this class is delivered over half-days it allows for greater flexibility and leaves you with time each day for other work or activities.

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