AI for Business Analysis
14 PMI PDUs | 14 IIBA CDUs

Format: Live Instructor-Led Online through Zoom
Duration: Three 4.5 hour sessions

Technology and Attendance Requirements: Computer with a browser (Chrome or Edge - used to access Miro, a collaboration tool), Zoom, a microphone and speaker. For ICAgile certification, camera must be on at all times and you must be actively participating.

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, analyzing requirements and devising solutions. You will learn methods of "prompt engineering" for using generative AI agents to produce key BA artifacts, 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 dialog 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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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
- Organizing 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