

AI for Business Analysis

Course AI-BA

Instructor-led, Hands-on

Introduction

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 artefacts, research new subject matters, evaluate work, and conduct interviews with subject matter experts. While balancing AI’s power to create content with human judgment, you will discover AI dialogue techniques that enable iterative and incremental analysis and development.

This course is great for:

- Business Analysts wanting to utilize 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

At Course Completion

After completing this course, students will be able to:

- Automating analytical tasks using AI assistants
- Rapidly developing key project artefacts like charters, stories and models
- 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 and providing effective feedback to progressively improve AI understanding
- Maintaining clear human oversight and control while leveraging AI capabilities and developing ethical and responsible adoption practices for AI in business analysis

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 Analysis Essentials course or have relevant experience working in a business analysis context.

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>

Course Outline

Module 1: Understanding AI's Role in Business Analysis

Module 2: Using AI to Jumpstart a Project

- Prompting Styles for Getting Started
- Project Start Artefacts
- AI vs Human Judgement

Module 3: Crafting User Stories with AI

Module 4: Getting to Know People

- Stakeholder Profiles & RACI
- AI Profiles & Personas

Module 5: AI & Stakeholder Interviews

- Interviewing & Other Elicitation Techniques

Module 6: Writing Usage Scenarios

- Behavioral Artefacts – User Story, Usage Narrative, User Journey, Use Case Brief, Use Case

Module 7: Validating & Prioritizing Requirements

- MVP User Stories & Story Maps

Module 8: Modelling Business System Elements

- B5 and Data Models

Module 9: Designing the User Experience

- UI prototyping

Module 10: Coordinating AI-Generated Content

- Change Propagation

Module 11: Writing Tests with AI

- Test Cases & Gherkin Format
- Automated UI Testing