

Introduction to Modelling for Business Analysis Training

Introduction

- Why do you need business analysis models?
- Modelling techniques within A Guide to the Business Analysis Body of Knowledge® (BABOK® Guide)

Module 1: Defining the Scope of Modelling

What is a business model?

- Separating textual and diagrammatic elements
- Contrasting scope with levels of detail

Crafting a process to develop a business model

- Applying the steps: elicit, analyse, specify, validate
- Iterating the steps
- OMG modelling standards
- Facilitating requirements workshops
- Correlating models to project type and deliverables



Capturing the multidimensional aspects of an organisation

- Applying the five Ws approach: who, what, where, when, why, and how
- Selecting the right level of detail for your stakeholders
- Employing CASE tools and simulations

Module 2: Mapping the Business Landscape

Analysing the enterprise

- Exploring the enterprise architecture
- Decomposing the business architecture into its components: motivation, structure, functionality, processes, resources, and other views

Applying business rules

- Documenting the constraints: operative and structural
- Representing business rules with decision tables

Module 3: Scoping Business Functions

Initiating the process with functional decomposition

- Determining the functional hierarchies
- Distinguishing between functions, processes, and activities

Drawing UML use case diagrams

- Defining scope and boundary
- Identifying the actors and stakeholders
- Refining the use cases

Documenting business processes

- Selecting the level of detail: brief, casual, or fully dressed
- Specifying preconditions and post-conditions

Module 4: Modelling Business Processes and Workflows

Leveraging Business Process Model and Notation (BPMN)

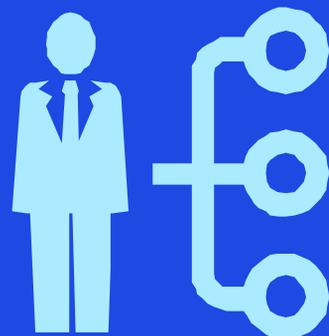
- Workflows
- Events
- Activities and tasks
- Decision gateways
- Sequence flows
- Messages
- Swimlanes
- Tokens

Applying process modelling techniques

- Sequencing and classifying activities
- Decomposing activities into sub-processes
- Categorising events

Refining business process diagrams

- Choosing the right gateways: branches, forks, and joins
- Mapping the processes to lanes and pools
- Supplementing the model with data and artefacts: groups and annotations



Module 5: Analysing the Enterprise Structure

Establishing the business domain

- Documenting the workers and organisation units
- Using data modelling to analyse business objects

Structuring the enterprise with UML class diagrams

- Constructing associations between the classes
- Packaging for subject areas and organisation units
- Capturing business object attributes

Module 6: Finalising the Business Model

Achieving complete coverage with matrices

- Applying the Responsibility Assignment matrix (RACI)
- Prioritising features
- Cross-referencing requirements

Contextualising the model with perspectives

- Documenting business interfaces
- Motivational Mapping from means to ends
- Capturing event timing parameters
- Modelling states with the UML State Machine Diagram
- Specifying supplementary & quality of service requirements

Module 7: Communicating the Model to Key Stakeholders

- Choosing the right models for your audience
- Transforming business requirements into user requirements
- Delivering and presenting your models