

Introduction:

This in-depth training course serves as a foundational guide to mastering business process analysis and modeling. It is a critical component of Business Process Redesign (BPR) and other initiatives aimed at improving business processes, such as reengineering, systems development, quality management, and continuous process improvement.

Business process analysis and modeling are fundamental practices that ensure efficiency within a company by analyzing and optimizing the business processes. In this course, participants will learn to analyze and model business processes at both the enterprise and workflow levels.

Participants will be introduced to the Integration Definition for Process Modeling (IDEFO) method and the Business Process Diagram notation, two well-established business modeling tools widely recognized in various business process modeling training programs. These tools will enable participants to engage in rigorous analysis, foster creativity, and develop robust information technology systems.

Target Audience:

- Business process analysts, engineers, and consultants.
- Managers or directors involved in business performance improvement.
- Process owners.
- Quality assurance analysts and managers.
- Business planners.

Course Objectives:

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

- Analyze the process dimension of a business.
- Define the scope of a business process.
- Develop an enterprise-level business process model.
- Capture and map details of existing business processes using a model.
- Build an integrated model of a defined business process, including its levels of detail.

- Collect necessary information to build a business process model.
- Identify opportunities for business process improvement through modeling.
- Apply best-practice techniques in business process modeling.
- Implement business process improvements to achieve breakthrough results.

Targeted Competencies:

- Data massaging and normalization.
- Reporting, analysis, and reconciliation.
- Interpretation of large data sets.
- Modeling and conducting "what-if" scenarios.
- Establishing data integration.

Course Content:

Unit 1: Understanding Business Processes

- Introduction to business processes.
- Horizontal vs. vertical organization structures.
- Types of business processes.
- Identifying and naming business processes.
- Defining the scope of a business process.
- Analyzing the components of a business process.
- Basic concepts in mapping and modeling business processes.
- Practical analysis work.

Unit 2: Developing Business Process Models using Business Process Modeling Notation (BPMN)

- Introduction to BPMN.
- Core BPMN elements.
- Modeling business process activities.
- Describing business process events.
- Representing detailed branching and joining logic.
- Identifying business process patterns.
- Modeling process resources.
- Practical business process modeling work.

Unit 3: Advanced Business Process Modeling using BPMN

- Using the extended BPMN element set.
- Modeling business process sub-processes.
- Business process event types.
- Representing resources using pools and lanes.
- Message flows and default flows.
- Modeling business process exceptions.
- Describing process activity attributes.
- Advanced business process modeling work.

Unit 4: Modeling Processes Using the Integration Definition for Process Modeling (IDEF0)

- Business process architecture.
- Business process classification framework.
- The IDEF0 modeling method.

- Modeling activities and objects.
- The five IDEF0 diagram types.
- Building the top-level diagram.
- Developing decomposition diagrams.
- Practical business process modeling work using IDEF0.

Unit 5: Improving Business Processes Using Models

- Analyzing existing business processes.
- Eliciting process customer requirements.
- Measuring business process performance.
- The two stages of business process improvement.
- Transitioning from "as-is" to "to-be" models.
- Simulating business processes.
- Implementing business process changes.
- Choosing the right modeling tool.

Business Modeling Course Specialization:

This course also covers a variety of business modeling techniques to enhance participants' proficiency as process analysts. It is especially beneficial for those seeking certification in process analysis or business process modeling.

The program is designed to meet the needs of individuals aspiring to become skilled process analysts or pursue business process analysis courses. Whether you're looking for a comprehensive business process modeling course, a specialized business process mapping course, or broader business process training, this program equips participants with the necessary knowledge for immediate, practical application in their respective roles.