Training Course:
Business Process Model and Notation (BPMN)

29 June - 3 July 2025
Cairo (Egypt)
Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course code: IT235988 From: 29 June - 3 July 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3875 ⬜ Euro

Introduction:

The Business Process Model and Notation BPMN training program, designed by Global Horizon Training Center, is crafted to provide professionals with a structured and practical understanding of modeling and improving business processes using the BPMN 2.0 standard. BPMN has become the global language for business process modeling, enabling clear communication between business analysts, process owners, technical developers, and stakeholders.

Training Objectives:

By the end of this course, participants will be able to:

- Understand the principles and benefits of business process modeling.

- Learn the syntax and semantics of BPMN 2.0 elements and notations.

- Analyze, map, and optimize organizational processes using BPMN diagrams.

- Apply different BPMN diagram types: collaboration, choreography, and conversation models.

- Interpret and create end-to-end business process models suitable for both business and technical audiences.

- Integrate BPMN models into process improvement initiatives, automation tools, and digital transformation strategies.

Course Methodology:

- Expert-led presentations and real-life industry examples

- Step-by-step modeling demonstrations using BPMN tools e.g., Signavio, Bizagi, Camunda

- Hands-on individual and group exercises on business process modeling

- Scenario-based workshops simulating process optimization

- Live analysis of organizational case studies

- Review sessions and quizzes to reinforce learning

Organizational Impact:

By implementing BPMN practices, organizations will:

- Achieve consistent and standardized process documentation across departments

- Improve cross-functional communication and stakeholder collaboration

- Reduce errors and inefficiencies in process execution

- Enhance business agility by enabling faster adaptation to changes

- Support digital transformation through automation-ready process models

- Lay the foundation for integration with Business Process Management Systems BPMS and workflow automation tools

Target Audience:

This course is ideal for:

- Business analysts and process modelers

- IT and system analysts

- Process improvement and Lean Six Sigma professionals

- Project managers and transformation leaders

- ERP/CRM consultants and developers

- Anyone involved in documenting, analyzing, or improving business processes

Outlines:

Day 1: Introduction to BPM and BPMN

- Fundamentals of Business Process Management

- BPM lifecycle: design, model, execute, monitor, optimize

- Introduction to BPMN 2.0

- Benefits of using BPMN for business and IT alignment

- Key concepts: pools, lanes, flow objects, artifacts

Day 2: BPMN Elements and Syntax - Core Notations

- Events: start, intermediate, end message, timer, error

- Activities: tasks and sub-processes

- Gateways: exclusive, inclusive, parallel

- Connecting objects: sequence flow, message flow, association

- Swimlanes: pools and lanes for defining responsibilities

- Practical exercise: Diagramming a recruitment process

Day 3: Advanced BPMN Constructs

- Event-based gateways and boundary events

- Looping and multi-instance activities

- Transaction subprocesses and compensation

- Error and escalation handling

- Using data objects, annotations, and groups

Day 4: Collaboration and Choreography Diagrams

- Modeling process collaboration between organizations B2B

- Choreography vs. orchestration

- Conversation diagrams: visualizing high-level interactions

- BPMN in service-oriented architecture SOA and APIs

- Real-world case study: Supply chain collaboration process

Day 5: BPMN in Practice - Simulation, Tools, and Automation

- Selecting BPMN modeling tools overview and comparison

- Validating and simulating process models

- From modeling to automation: integrating with BPMS and workflow engines

- Process performance metrics and continuous improvement

- Capstone project: Model and optimize a business-critical process

- Final review, assessment, and certificate distribution

Registration form on the Training Course:
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