



Business Analysis Training

Pre-requisites: Knowledge of Computer, Windows OS, MS Office.

Duration: 50 Hours(15 Session)

Call us at (+1) (801) 901-3010/(801) 901-3532 info@mindsmapped.com

Session 1: Introduction to Business Analysis

- Introduction to Business Analysis
- Importance of Effective Business Analysis
- Business Composition and Architecture
- Roles and Responsibilities of a Business Analyst
- Need for a Business Analyst
- Standardization and Adaptability
- Importance of Communication/Collaboration Project Team
- Importance of Business Analyst in the Project Team
- Business Analyst Career Path
- Essential Skills of BA-Underlying Competencies

Session 2 – SDLC Methodologies and Models

- Waterfall Model
- Rational Unified Process (RUP)
- RAD Methodology
- AGILE SCRUM Methodology
- Prototype Model
- Comparison between Waterfall and Agile Model
- Artifacts delivered in each phase
- Role of BA in Agile Scrum

Session 3: Enterprise Analysis

- SWOT Analysis
- GAP Analysis
- Feasibility Study
- Root Cause Analysis
 - Technique – 5 Why
 - Tabular Method
 - Fishbone Diagram
- Strategy Analysis
 - External Environment Analysis
- PESTLE
- Porter's Five force Model
 - Internal Environmental Analysis
 - MOST Analysis
- Technique
- Enterprise Architecture Frameworks
 - Zachman Framework
 - POLDAT Framework
 - TOGAF
- Scope
- Business Case
- Risk Assessment

Session 4 – OOA and Unified Modeling Language (UML)

- Why Models are created?
- Objectives of Modeling
- What is Process Management
- Understanding Process Modeling
- Prototype
 - Document Analysis
 - Business Rule Analysis
 - Reverse Engineering

Unified Modeling Language

1. Structure Diagrams
 - a. Class
 - b. Component
 - c. Composite Structure
 - d. Deployment
 - e. Object and Package Diagrams
2. Behavior Diagrams
 - a. Activity
 - b. State Machine
 - c. Use Case Diagrams
3. Interaction Overview Diagram
 - a. Communication
 - b. Interaction Overview
 - c. Sequence
 - d. Timing Diagrams

Requirements Engineering

Session 5: Analyzing and Managing Your Stakeholders

- Identifying your stakeholders
 - The stakeholder wheel and identification matrix
 - Creating stakeholder personas
- Analyzing your stakeholders
 - Examining stakeholder impact for your project
 - Evaluating stakeholder attitude towards your project
 - Placing your stakeholder in the organizational hierarchy using STOP
 - Developing action-oriented business initiatives to address business needs and opportunities
- Managing your stakeholders
 - Interacting with your stakeholders
 - Creating a stakeholder communication plan
- plan
 - Assessing your stakeholders



Session 6: Requirements Elicitation

- Define the term Requirement
- Types of Requirements
- Identifying good questions for elicitation
- Roles of BA in Requirements Planning
 1. Investigative Approach
 2. Iterative Approach
- Techniques
 - Interview
 - Focus groups
 - Requirements Meeting
 - JAD Session
 - Brainstorming
 - Observation
 - Survey

Session 7: Requirements Planning and monitoring

- Business Analysis Planning Approach
- Plan Business Analysis
- Plan BA communication
- Plan requirement management
- Identify BA performance Improvement

Session 8: Requirement Management

- Prioritizing Requirements
- Requirement traceability
- Creating requirement package
- Maintain requirement for reuse
- Role of BA in Change Management

Session 9: Verifying and Validating Requirements

- Difference between Validation and Verification
- Characteristics of Good Requirements
- Risks associated with Requirements
- Types of Testing Approaches
- Creating a Test Plan
- Requirements Traceability Matrix
- Verified and Validated Requirements

Session 10: Resume Preparation

Session 11: Requirement Documentation

- Formal and Informal Documentation and the, Level of Detail Required
- Writing for Usability and Comprehension
- Common Requirements Document Defects
- Components of a Formal Requirements Document
- Requirements Verification and Validation
- Requirements Sign-Off

Course Highlights:

- Hands on Assignments from each session
- Instructor led learning sessions
- Interactive sessions & Hands on Practice

- Lifetime access to Knowledge Base
- Interview and Job perspectives

Session 12: OOA and Unified Modeling Language(UML)

- Why Models are created?
- Objectives of Modeling
- What is Process Management
- Understanding Process Modeling
- AS-IS Vs. TO-BE Modeling
- Prototyping
- Unified Modeling Language
 - Structure Diagrams
 - Class
 - Component
 - Composite Structure
 - Deployment
 - Object and PackageDiagrams
 - Behavior Diagrams
 - Activity
 - State Machine
 - Use Case Diagrams
 - Interaction Overview Diagram
 - Communication
 - Interaction Overview
 - Sequence
 - Timing Diagrams

Session 13: Use Cases and its uses in Agile world

Creating user stories our of user scenarios

- Understanding Use Cases
- Use Case Relationships
- Use Case Brainstorming
- Creating Use cases from Requirements
- Creating Use Case Narratives
- Creating user stories from use cases
- Change Management & Version Control Concept

Session 14: Business Analysis Governance

- International Institute of Business Analysis (IIBA)®
- Business Analysis Body of Knowledge (BABOK)®
- Certified Business Analysis Professional (CBAP)®

Session 15: Getting Ready for the Real

- BA Resume Preparation
- Interview Questions & Preparation
- Domains Discussion
- Project Work

Session 16: Mockup Interview Session

