



# Business Analysis

## Chapter 1: Introduction to Business Analysis

- Business Analysis – Introduction and Fundamentals
- The Scope of Business Analysis Work
- Skill sets, roles responsibilities
- BA – fundamentals ( stakeholder, requirement, etc
- IT system analysis
- The Role of the Business Analyst through the project life cycle
- What are the types of SDLC
- Key tasks performed by a BA
- The role of BA in the project life cycle
- Understanding the bigger picture
- The guiding principles for business analyst
- Further scope of the business analyst role

## Chapter 2: Requirement Engineering

- Requirement Fundamentals
- Definition of a requirement
- Types of Requirements
- Characteristics of requirement
- Requirement Planning
- Requirement Elicitation
- Requirement Analysis
- Requirement validation

## Chapter 3: Documentation

- How to write requirements
- Requirement Documentation
- Popular templates of BRD, FRD
- User story
- Business case

## Chapter 4: Stakeholder Management

- Who is a stakeholder
- Types of stakeholders
- Stakeholder analysis and management
- Strategy analysis



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## Chapter 5: UML and diagramming tools

- UML Introduction
- Use case diagram
- BPMN notations
- Sequence diagram
- Class diagram
- Activity Diagram
- UML tools – MS visio, Bizagi
- E- R diagrams

## Chapter 6: BA Techniques

- Brainstorming
- RACI matrix
- Requirement traceability
- Interview Observation
- Mind-Mapping
- Document Analysis
- Focus groups
- Key performance
- Indicator – KPI
- Observation
- Prototyping
- Prioritization
- Root cause analysis
- Survey
- Risk analysis
- SWOT analysis
- User stories
- Workshops