




# Business Analysis


## Course Outline


- Introduction to IT Business Analysis

- Role of a Business Analyst
- Define & Scope Business Areas
- Elicit Requirements
- Analyze and Document Requirements
- Communicate Requirement
- Identify Solution
- Verify Solution meets Requirement

- Business Analyst Essentials
- Business Analyst Skills
- Business Analysis Process and role
- Business Analysis Techniques: PESTLE, Heptalysis, MOST, SWOT, CATWOE, de Bono's Six Thinking Hats, Five Whys, MoSCoW, VPEC T, SCRS, GAP Analysis, Needs Analysis

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- What is a Requirement
  - Who is a Stakeholder
  - What is a solution
  - What is Requirement Approval and the process
  - What is Requirements Gathering and it's tools & techniques
  - What is in house/COTS application?
  - What is implementation
  - Prototype
  
  - Prototype tools
  - What is Verification, Validation
  - What is AS IS analysis, To Be Analysis, Deployment, Change Management, Incremental Approach, Iterative Approach, MVP, Requirements prioritization
  - Common BA tools


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- Waterfall Model and its phases
  - Role of a Business Analyst during the phases
  - V Model
  - Role of a Business Analyst during the phases
  - Spiral Model Methodology
  - Role of a Business Analyst during the phases
  - Prototype Methodology
  - Role of a Business Analyst during the phases
  - RAD Model
  - Role of a Business Analyst during the phases
  - RUP
  - Role of a Business Analyst during the phases
  - JAD Methodology (Joint Application Development)
  - Role of a Business Analyst during the phases
  - Agile Methodology
  - Role of a Business Analyst during the phases in all of the Agile methodologies
  - Scrum
  - Kanban
  - Extreme Programming
  - Adaptive Software Development (ASD)
  - Difference b/w Agile and traditional methodologies
  - Demonstration of an Agile project using JIRA

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- Requirements Engineering/Analysis
  - Types of Requirements
  - Documents Required of a BA
  - Requirements Elicitation Techniques
  - UML Diagrams
  - Wireframes, Mock Up, Prototype & their differences
  - Requirement traceability Matrix (RTM)

- Common Stakeholder Challenges Business Analysts Face
- What is RACI Matrix/Model?

- Testing Concepts
- Types of Testing
- Commonly used tools
- Role of Business Analyst in Testing.

- Create sample documents using Business Analysis principles
- BA Templates/Docs

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- MS Project
  - MS Visio
  - MS OneNote / EverNote

- Confluence

- LucidChart
- VisualParadigm
- Gliffy
- Bizagi

- Sample Project
- Real World Scenarios
- Interview Tips & Tricks
- Project Assignment
- Case Studies