

## Who is Business Analyst?

Business Analyst is a new-economy job in a company that acts as a liaison between business people who have a business problem and technology people who know how to create automated solutions.

Business Analysts are responsible for identifying business needs, requirements development and requirements management. Specifically, the Business Analyst elicits, analyzes, validates and documents business, organizational and/or operational requirements.

The Business Analyst is a key facilitator within an organization, acting as a bridge between the client, stakeholders and the solutions team.

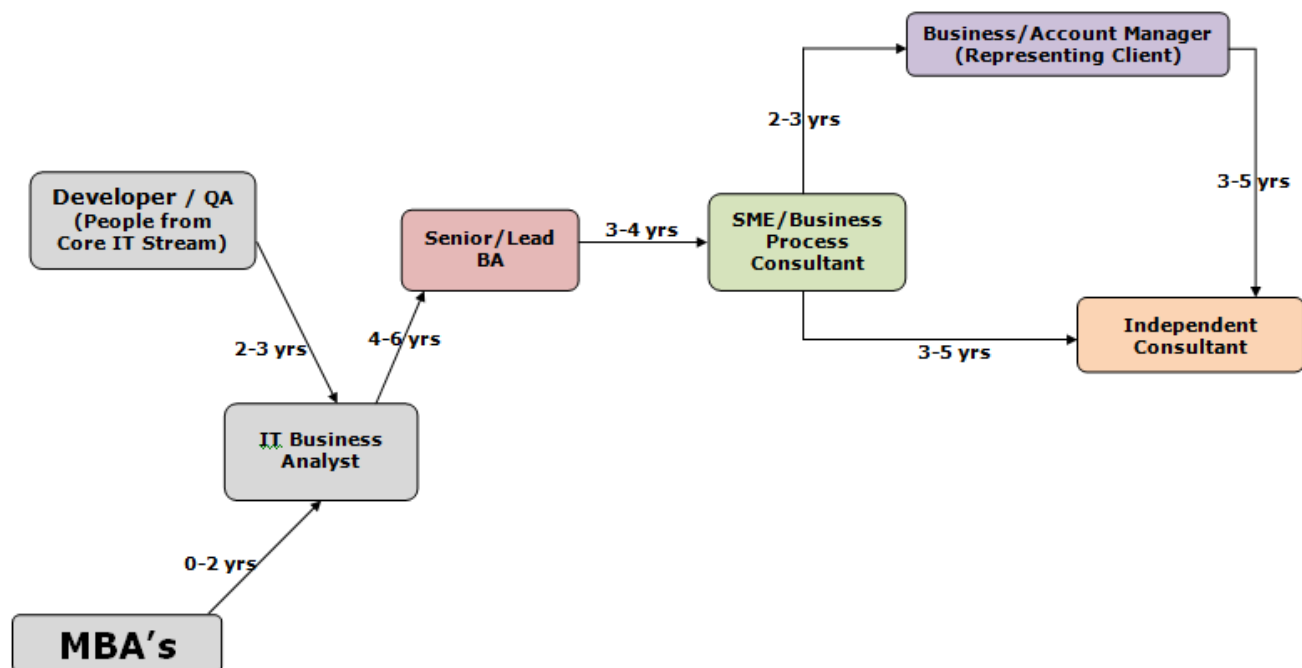
## What is Business Analysis?

Business Analysis is the set of tasks and techniques used to work as a liaison among stakeholders in order to understand the structure, policies and operations of an organisation, and recommend solutions that enables the organisation to achieve its goals.

Many business analysts often perform several of these roles, and therefore this position is best filled by an individual with a broad skill set.

Business analysis is distinct from financial analysis, project management, quality assurance, organizational development, testing, training, and documentation development. However, depending on the organization, a business analysis professional may perform some or all of these related functions.

## Career Path for Business Analyst



Business Analysis is the set of tasks and techniques used to work as a liaison among stakeholders in order to understand the structure, policies and operations of an organisation, and recommend solutions that enables the organisation to achieve its goals. Business Analysis is distinct from financial analysis, project management, quality assurance, organizational development, documentation development, testing, and training.

Topic-wise practical applicative approach to the subject with case studies is provided. Course includes a real time sample Project as well. Duration of the course is for **50-60** hours.

## 1. Introduction and Fundamentals

- ❖ Business Analyst – Who, What, Why?
- ❖ BA – qualities, skills, roles, responsibilities
- ❖ BA – Fundamentals

## 2. BA – Knowledge Areas

- ❖ Software Development Life Cycle

## 3. Enterprise Analysis

- ❖ Business Architecture
- ❖ Feasibility Studies
- ❖ Project Scope

## 4. Requirement Process, Planning & Management

- ❖ What are requirements?
- ❖ Characteristics of Requirements
- ❖ Functional & Non-Functional Requirements
- ❖ The Requirements Process
- ❖ Planning & Managing Requirements
- ❖ Requirements Risk Management

## 5. Requirements Elicitation

- ❖ Types of Requirements
- ❖ Principles / Techniques / Constraints in collecting Requirements
- ❖ Creating Models
- ❖ Interviewing Users
- ❖ Interviewing Stakeholders
- ❖ Brainstorming
- ❖ Prototyping
- ❖ Data Analysis
- ❖ Reverse Engineering
- ❖ Creating Models
- ❖ RTM - Requirements Traceability Matrix

## 6. Requirements Analysis

- ❖ Project Requirements
- ❖ Cost, constraints, users, stakeholders
- ❖ Risk Management
- ❖ Gap Analysis
- ❖ Change Management
- ❖ Impact Analysis

## 7. Requirements Specifications

- ❖ BRS / URD / BRD (Business Requirements Document)
- ❖ Writing Functional Specifications Document
- ❖ Rules, problems, use of terms, structure

## 8. UML

- ❖ UML 2.0 – use case diagrams, static diagrams, dynamic diagrams, structure diagrams, behavior diagrams, interaction diagrams
- ❖ Meta modeling

## 9. Requirements Verification and signoff

- ❖ Techniques, Traceability Matrix, Signoff
- ❖ Structure and Grammar, banned words
- ❖ Validations, Pre-Review, Review

## 10. Miscellaneous

- ❖ Versioning
- ❖ Repositories
- ❖ Change Requests

## 11. Validation

- ❖ Functional Testing
- ❖ UAT (User Acceptance Testing)
- ❖ Regression Testing

## 12. Topic-wise study materials

## 13. Topic-wise Case Studies

## 14. Student Portal – Online Reference Library

## 15. Project Work