2016

# Health Care Business Analysis
## Program Curriculum-12 Weeks

This program is jointly offered by Fhyzics Business Consultants Private Limited and Twintech Academy Business Management Solutions. This program is fully aligned with Business Analysis Body of Knowledge [BABOK® Guide v3] of International Institute of Business Analysis [IIBA®], Canada.

# Health Care Business Analysis Program

| Week | Session | Program Content |
|---|---|---|
| Week-1<br>03-Sep-16 | Session-1 | **Introduction**<br>Purpose of the BABOK® Guide - What is Business Analysis? - Who is a Business Analyst? - Structure of the BABOK® Guide |
| | Session-2 | **Business Analysis Key Concepts**<br>The Business Analysis Core Concept Model™ - Key Terms - Requirements Classification Schema - Stakeholders - Requirements and Designs |
| Week-2<br>10-Sep-16 | Session-3 | **Business Analysis Planning and Monitoring**<br>Plan Business Analysis Approach - Plan Stakeholder Engagement - Plan Business Analysis Governance - Plan Business Analysis Information Management - Identify Business Analysis Performance Improvements |
| | Session-4 | **Elicitation and Collaboration**<br>Prepare for Elicitation - Conduct Elicitation - Confirm Elicitation Results - Communicate Business Analysis Information - Manage Stakeholder Collaboration |
| Week-3<br>17-Sep-16 | Session-5 | Introduction to Healthcare and Public Health in India |
| | Session-6 | Terminology in Health Care and Public Health Settings |
| Week-4<br>24-Sep-16 | Session-7 | **Requirements Life Cycle Management**<br>Trace Requirements - Maintain Requirements - Prioritize Requirements - Assess Requirements Changes - Approve Requirements |
| | Session-8 | **Strategy Analysis**<br>Analyze Current State - Define Future State - Assess Risks - Define Change Strategy |
| Week-5<br>01-Oct-16 | Session-9 | **Requirements Analysis and Design Definition**<br>Specify and Model Requirements - Verify Requirements - Validate Requirements |
| | Session-10 | **Requirements Analysis and Design Definition**<br>Define Requirements Architecture - Define Design Options - Analyze Potential Value and Recommend Solution |
| Week-6<br>08-Oct-16 | Session-11 | **Solution Evaluation**<br>Measure Solution Performance - Analyze Performance Measures - Assess Solution Limitations - Assess Enterprise Limitations - Recommend Actions to Increase Solution Value |
| | Session-12 | **Underlying Competencies**<br>Analytical Thinking and Problem Solving - Behavioural Characteristics |
| Week-7<br>15-Oct-16 | Session-13 | **Underlying Competencies**<br>Business Knowledge - Communication Skills - Interaction Skills - Tools and Technology |
| | Session-14 | Mid-term Assessment |
| Week-8<br>22-Oct-16 | Session-15 | Role of ICT in Healthcare & Overview of Health Insurance and Claim |
| | Session-16 | Accreditations & Medical Governance in  Healthcare |
| Week-9<br>29-Oct-16 | Session-17 | **Techniques-I**<br>Acceptance and Evaluation Criteria - Backlog Management - Balanced Scorecard - Benchmarking and Market Analysis - Brainstorming - Business Capability Analysis - |

| Week | Session | Program Content |
|---|---|---|
| | | Business Cases - Business Model Canvas - Business Rules Analysis - Collaborative Games |
| | Session-18 | **Techniques-II**<br>Concept Modelling - Data Dictionary - Data Flow Diagrams -  Data Mining - Data Modelling - Decision Analysis - Decision Modelling - Document Analysis - Estimation - Financial Analysis |
| Week-10<br>05-Nov-16 | Session-19 | **Techniques-III**<br>Focus Groups - Functional Decomposition - Glossary - Interface Analysis - Interviews - Item Tracking - Lessons Learned - Metrics and Key Performance Indicators (KPIs) - Mind Mapping - Non-Functional Requirements Analysis |
| | Session-20 | **Techniques-IV**<br>Observation - Organizational Modelling - Prioritization - Process Analysis - Process Modelling -Prototyping - Reviews - Risk Analysis and Management - Roles and Permissions Matrix  - Root Cause Analysis |
| Week-11<br>12-Nov-16 | Session-21 | **Techniques-V**<br>Scope Modelling - Sequence Diagrams - Stakeholder List, Map, or Personas - State Modelling - Survey or Questionnaire - SWOT Analysis - Use Cases and Scenarios -User Stories - Vendor Assessment – Workshops |
| | Session-22 | **Perspectives**<br>The Agile Perspective - The Business Intelligence Perspective - The Information Technology Perspective - The Business Architecture Perspective - The Business Process Management Perspective |
| Week-12<br>19-Nov-16 | Session-23 | Assessment |
| | Session-24 | Assessment |