



ASPIREQ
Freedom meets aspirations

Business Analyst

*****Syllabus*****

Module 1

Introduction to Business Analyst:

Learn business analyst fundamentals, key roles, planning, and stakeholder engagement.

Topics Covered:

- **Introduction to Business Analyst**
 - Overview of Business Analysis
 - Role and responsibilities of a Business Analyst
 - Key skills and competencies required
- **Business Analysis Planning and Monitoring**
 - Defining the scope of business analysis
 - Planning business analysis activities
 - Stakeholder analysis and management
 - Monitoring and controlling business analysis work
- **Elicitation and Collaboration**
 - Techniques for eliciting requirements (interviews, workshops, surveys)

- Documenting and validating requirements
- Collaborating with stakeholders
- Managing stakeholder expectations

AI Module 2

AI-driven Business Analyst

How to use AI (ChatGPT, microsoft copilot & deepseek) to solve business problems

- **AI in Excel**

- Data Analysis and Insights
 - Analyze Data
 - Power Query
 - Forecasting
- Data Types
- Dynamic Array Functions
- Natural Language Queries
- Insert Data from Pictures

- **AI in PowerPoint**

- Data Analysis and Insights
 - Design Ideas

- Smart Formatting
- Content Generation
- Visual Enhancements
- Data Visualization
- AI-Powered Presentation Makers

Module 3

Requirements Life Cycle Management:

Manage, prioritize, trace, and reuse business requirements effectively.

- **Requirements Life Cycle Management**
 - Tracing requirements
 - Prioritizing requirements
 - Managing changes to requirements
 - Maintaining requirements for reuse
- **Strategy Analysis**
 - Understanding the business environment
 - Conducting SWOT analysis
 - Defining business needs and goals
 - Developing business cases
- **Requirements Analysis and Design Definition**

- Analyzing and modeling requirements
- Creating use cases and user stories
- Defining solution requirements
- Designing and validating solutions

Module 4

Learn Solution Evaluation

Analyse performance, identify gaps, recommend improvements, and validate solutions.

- ***Solution Evaluation***

- *Assessing solution performance*
- *Identifying and analysing solution gaps*
- *Recommending improvements*
- *Validating solution results*

- ***Tools and Techniques for Business Analysis***

- *Overview of BA tools (JIRA, Confluence, MS Visio)*
- *Data analysis and visualization tools (Excel, Power BI)*
- *Modelling techniques (UML, BPMN)*
- *Agile methodologies and frameworks*

Module 5

Object-Oriented Programming

Master OOP concepts like inheritance, polymorphism, and abstraction.

Topics:

- **- Object-Oriented Programming**
 - Classes and objects
 - Constructors
 - Inheritance
 - Polymorphism
 - Encapsulation
 - Abstraction
 - Interfaces
 - Abstract classes
 - Inner classes
 - Packages and access modifiers

Module 6

Real-World Applications and Hands-On Experience

Apply business analysis through case studies, projects, and industry insights.

- ***Real-World Applications and Hands-On Experience***

- *Real-world case studies*
- *Hands-on projects and simulations*
- *Best practices and lessons learned*