



Business Analytics

Unit 1

- Business Analysis Overview.
 - What is Business Analysis?
 - Stages in Business Analysis
 - Roles and responsibilities of Business Analyst.
 - BA Attributes.
 - Key Concepts and Techniques.
 - **Test based on objective question.**

Unit 2

- BA methodologies & Software Development life Cycle
 - Agile Model BA workflow
 - User Stories
 - User Stories allotment and estimations
 - Create Product backlog.
 - Waterfall Model
 - SCRUM Methodology & Roles
 - The Business Architecture
 - Defining the Project scope
 - Initial Risk Assessment
 - Data Modelling and Data Mapping
 - Data Flow Diagrams (DFDs) Requirement
 - Root cause Analysis case study
 - Stages of development and its environments.
 - **Test based on objective question.**

Unit 3

- Elicitation Techniques
 - Interviews (Discussion)
 - Brainstorming
 - Requirements Workshops
 - Observation Document
 - Analysis Prototyping
 - Engineering & Re engineering
 - Classification and Prioritization
 - **Test based on objective question.**

Unit 4

- Requirement Documentation
- BRD
- SRS
- FRD
- Design documents
- Use Case Documents
- UAT/Functional Test Cases
- Traceability Matrix
- UML Model Diagrams& Documentations
- Activity Diagram
- Sequence Model
- Use case diagram
- **Test based on objective question.**

Unit 5

- Tools Overview -- Draw.io
- Artifacts Overview
- Testing Methodologies (Manual, Smoke, Regression)
- Business Process Improvement (BPI)
- Service Level agreement (SLA)

- ERP, CRM –Overview
- **Test based on objective question.**

Unit 6

SQL Queries

- DML
- DDL
- Joins
- **Test based on objective question.**

Unit 7

- Ecommerce Website and Mobile Application
- ERP software Live work on above two projects

Unit 8

- Resume Building
- Interview Question & preparation
- Question Bank (200+ Questions)