

Business Information System Pathway

The guide to understanding business information system pathway

✓ Step 1

Introduction to Business Information Systems —

Objective : Understand the role of information systems in modern businesses.

Topics Covered :

- Overview of Business Information Systems (BIS)
- Types of Information Systems (Transactional, Management, Decision Support)
- Importance of Information Systems in Business Operations
- Basic Concepts of Business Process Management

✓ Step 2

Fundamentals of Business Analysis and Requirements Gathering —

Objective : Learn techniques for analyzing business requirements and defining system specifications.

Topics Covered :

- Business Process Modeling (Flowcharts, Use Cases)
- Stakeholder Analysis and Management
- Requirements Elicitation Techniques (Interviews, Surveys)
- Documenting Requirements with Use Cases and User Stories

✓ Step 3

Database Management and Business Intelligence —

Objective : Understand the role of databases and business intelligence in managing organizational data.

Topics Covered :

- Relational Database Concepts (Tables, Queries, Relationships)
- SQL Fundamentals for Data Retrieval and Manipulation

- Introduction to Business Intelligence Tools (Reporting, Dashboards)
- Data Warehousing and Data Mining Techniques

✓ Step 4

Enterprise Resource Planning (ERP) Systems —

Objective : Gain knowledge of ERP systems and their integration within organizations.

Topics Covered :

- Overview of ERP Systems and Modules (Finance, HR, Supply Chain)
- ERP Implementation Lifecycle
- Customization and Configuration of ERP Software
- ERP System Integration and Data Migration

✓ Step 5

Customer Relationship Management (CRM) Systems —

Objective : Understand the importance of CRM systems in managing customer interactions and relationships.

Topics Covered :

- CRM Concepts and Benefits
- Customer Data Management and Analysis
- CRM Implementation Strategies
- Customer Segmentation and Targeting Techniques

✓ Step 6

E-commerce and Online Business Strategies —

Objective : Explore e-commerce platforms and strategies for conducting business online.

Topics Covered :

- E-commerce Models (B2B, B2C, C2C)
- Online Payment Systems and Security
- Digital Marketing Techniques (SEO, SEM, Social Media Marketing)
- E-commerce Website Development and Optimization

✓ Step 7

Business Process Automation and Workflow Management

Objective : Learn about automation technologies and workflow management systems.

Topics Covered :

- Workflow Automation Tools and Platforms
- Business Process Modeling Notation (BPMN)
- Integration of Workflow Systems with Business Applications
- Monitoring and Optimization of Business Processes

✔ Step 8

Business Continuity Planning and Disaster Recovery

Objective : Learn strategies for ensuring business continuity and recovering from disruptions.

Topics Covered :

- Business Impact Analysis (BIA)
- Disaster Recovery Planning (DRP)
- Backup and Restore Procedures
- Testing and Maintenance of Business Continuity Plans