

## BI Software Development Lifecycle



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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
15-June-09	0.1D		BI CDI team	Review
20-June-09	0.1		Rajita Dhumal	Content Creation
20-July-11	0.2D		Karthikeyan/Rajitha/Vandana	IGate Patni Integration
10-Sep-12	1.0		Karthikeyan	IGATE Format

### Course Goals and Non Goals

- **Course Goals**
  - BI Solutions Overview
  - BI Project Execution Methodology
- **Course Non Goals**
  - BI Testing for each layer
  - BI Tools for each layer



# Pre-requisites


➤

Data Warehousing Concepts

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Speed. Agility. Imagination.

## Intended Audience


- Developers
- Test Engineers
- Designers



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## Day Wise Schedule

➤ **Day 1**

- Lesson 1: BI Project Execution Overview
- Lesson 2: BI Project Execution Methodology (Development)
- Lesson 3: Most Used Templates

# Table of Contents

- **Lesson 1: BI Project Execution Overview**
  - 1.1. Software Project Types
  - 1.2. Execution Models (ON/OFF,ON,OFF)
  - 1.3. Typical Stakeholders
- **Lesson 2: BI Project Execution Methodology (Development)**
  - 2.1. Data Warehouse Development Life Cycle
    - 2.1.1. Manage the Project
    - 2.1.2. Define the Project
    - 2.1.3. Analysis
    - 2.1.4. Design
    - 2.1.5. Construction
    - 2.1.6. Deploy
    - 2.1.7. Maintenance
  - 2.2. Warehouse Model throughout the Life Cycle
  - 2.3. Development Methodology (IIDM)
- **Lesson 3: Most Used Templates**

### References

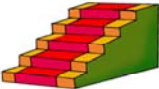
- The Data Warehouse Lifecycle toolkit by Ralph Kimball
- Data Modeling Techniques for Data Warehousing by Chuck Ballard
- The Data Warehouse ETL toolkit by Ralph Kimball





### Next Step Courses (if applicable)


➤ BI Testing




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Other Parallel Technology Areas

 Traditional SDLC

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