

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/Vandan a	iGATE Patni Integration
10-Sep-12	1.0		Karthikeyan	iGATE Format

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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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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

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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**

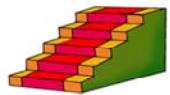
References

- **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