

Business Intelligence
Software Testing (BIST)



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Document History				
Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
16-Apr-09	0.1D	NA	Priya Rane	Content Updation
08-Feb-10	0.1D	NA	CLS Team	Review
20-July-11	0.1D	NA	Karthikeyan/Vandana	iGate Patrii Integration
11-Sep-12	1.0	NA	Karthikeyan	iGate Format

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Course Goals and Non Goals

➤ Course Goals

- At the end of this program, participants gain an understanding of the need of separate software testing for Business Intelligence (BI)

➤ Course Non Goals

- Detailed introduction of tools and implementation is not part of this course



Pre-requisites

- Fair Knowledge of BI

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Intended Audience

➤ Programmers in BI Technology



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Day Wise Schedule

- **Day 1**
 - Lesson 1: Introduction to BIST
 - Lesson 2: Testing Concepts
 - Lesson 3: Type of testing
 - Lesson 4: Testing for BI

Table of Contents

- **Lesson 1: Introduction to BIST**
 - 1.1. Business Requirements
 - 1.2. BI Projects versus BI Program
 - 1.3. Why is BI testing required?
 - 1.4. How is BI testing different from code based testing?
- **Lesson 2: Testing Concepts**
 - 2.1. Testing Concepts
 - 2.2. Principles of Testing

Table of Contents

- 2.3. Test Case
- 2.4. Test Suite & Test cycle
- 2.5. Testing Scope
- 2.6. Testing Strategy
- 2.7. Verification and Validation

➤ **Lesson 3: Types of Testing**
3.1. V Model for BI Testing

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- **Lesson 4: Testing for BI**
 - 4.1. Testing Document Purpose (Test Documentation)
 - 4.2. General BI Testing Principles
 - 4.3. iGate Testing Mission
 - 4.4. Production Verification Testing
 - 4.5. Possible Areas of Automation

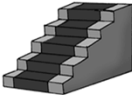
References

- **Student Material:**
 - Class Book (presentation slides with notes)



Next Step Courses (if applicable)

➤ Testing tools for BI



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Other Parallel Technology Areas

> NA

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