

# Software Testing for BI

Lesson 00:




Copyright © Capgemini 2016. All Rights Reserved. 1

©2016 Capgemini. All rights reserved.

The information contained in this document is proprietary and confidential. For Capgemini only.

Document History						
Date	Course Version No.	Software Version No.	Developer / SME	Reviewer(s)	Approver	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 Patni Integration
11-Sep-12	1.0	NA	Karthikeyan			iGate Format
July-16	1.1	NA	Rajita Dhumal	Swati Rao	Mahima Sharma	Material Revamp as per Integrated ToC for I & D LoT



Copyright © Capgemini 2016. All Rights Reserved. 2

## 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

# Intended Audience

- Programmers in BI Technology



## Day Wise Schedule

### ■ Day 1

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

## Table of Contents

- Lesson 1: Introduction to Software Testing for BI
  - 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



## Table of Contents

- 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



# Other Parallel Technology Areas

- NA