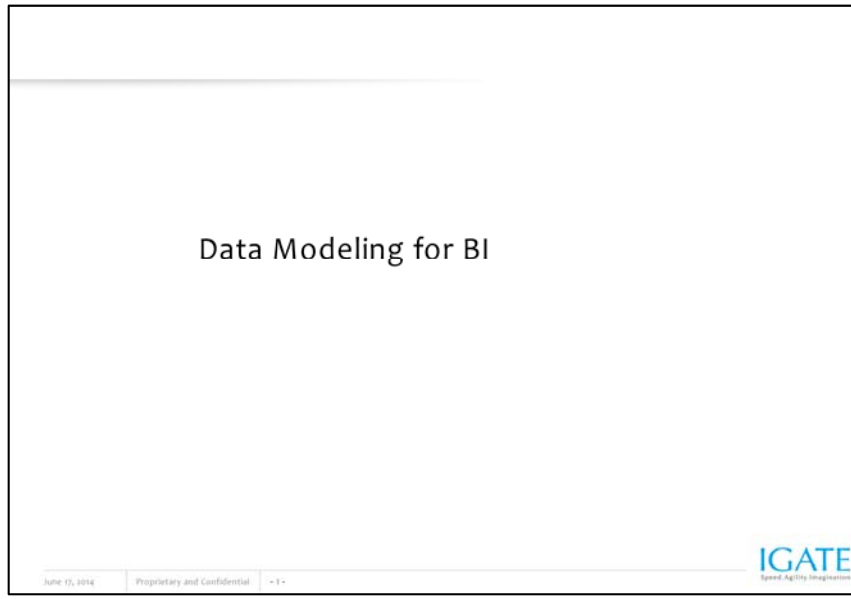


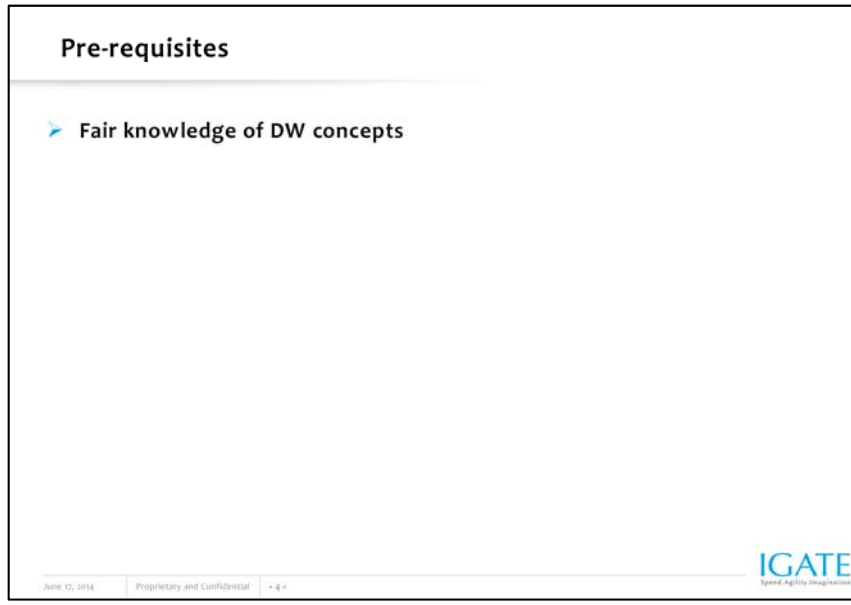
Copyright © 2011 IGATE Corporation. All rights reserved. No part of this publication shall be reproduced in any way, including but not limited to photocopy, photographic, magnetic, or other record, without the prior written permission of IGATE Corporation.
IGATE Corporation considers information included in this document to be Confidential and Proprietary.

Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
June 2011	0.1D	NA	Vandana Mistry	Content Creation

Course Goals and Non Goals

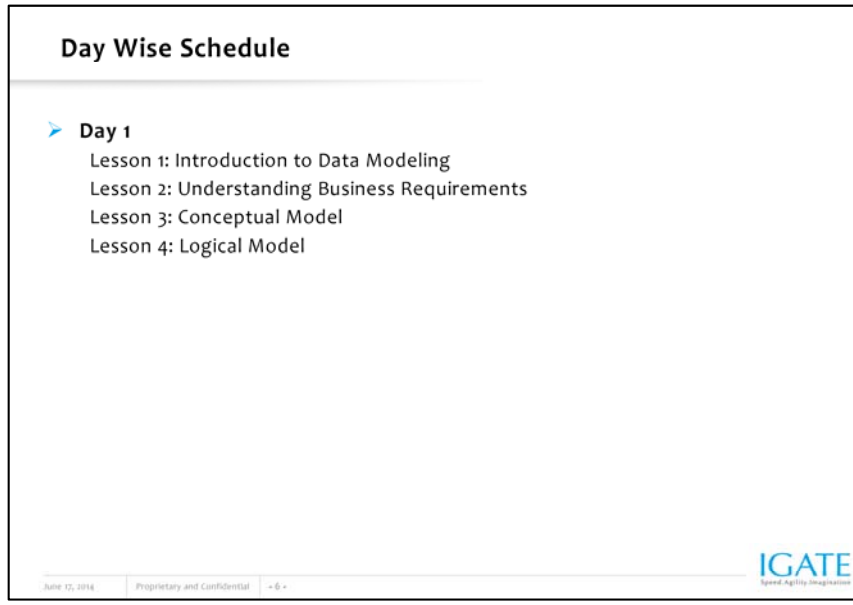
- **Course Goals**
  - At the end of this program, participants gain an understanding of basic concepts in Data Modeling.
- **Course Non Goals**
  - Implementation of Data Modeling tools.


Pre-requisites
Fair knowledge of DW concepts
June 17, 2014
Proprietary and Confidential
- 4 -
IGATE

Intended Audience

- Software Engineers and Senior Software Engineers

IGATE
Speed. Agility. Imagination


Day Wise Schedule
Day 1
Lesson 1: Introduction to Data Modeling
Lesson 2: Understanding Business Requirements
Lesson 3: Conceptual Model
Lesson 4: Logical Model
June 17, 2014
Proprietary and Confidential
- 6 -
IGATE

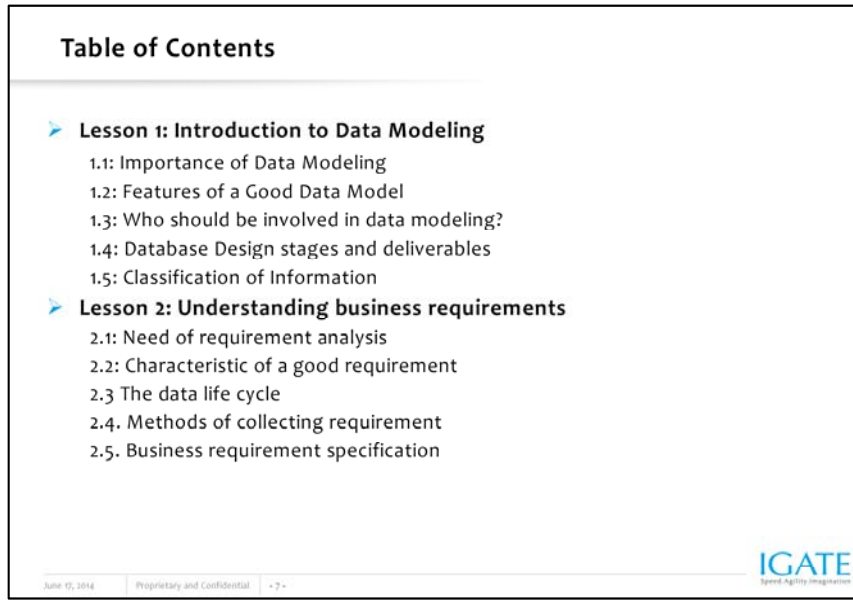


Table of Contents

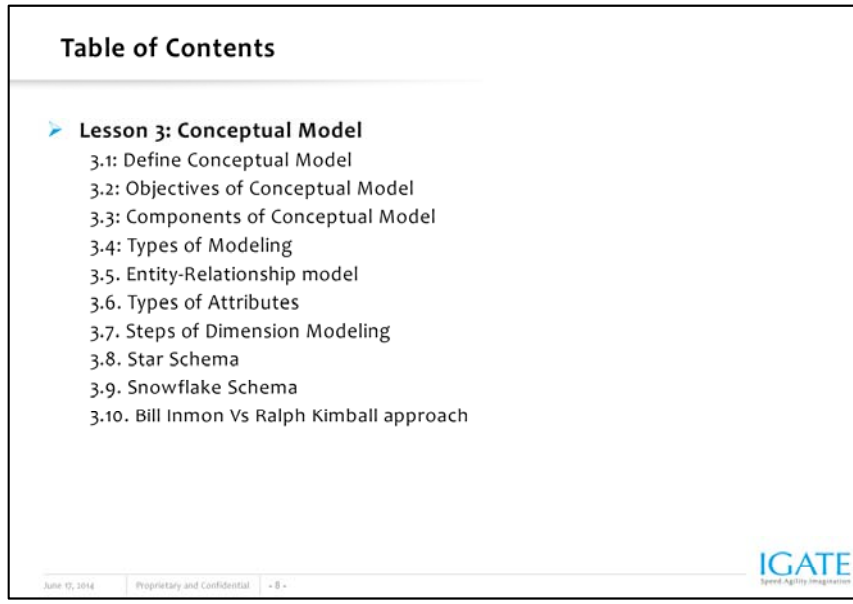


Table of Contents
Lesson 3: Conceptual Model
3.1: Define Conceptual Model
3.2: Objectives of Conceptual Model
3.3: Components of Conceptual Model
3.4: Types of Modeling
3.5. Entity-Relationship model
3.6. Types of Attributes
3.7. Steps of Dimension Modeling
3.8. Star Schema
3.9. Snowflake Schema
3.10. Bill Inmon Vs Ralph Kimball approach
June 17, 2014
Proprietary and Confidential
- 8 -
IGATE

Table of Contents

IGATE
Speed. Agility. Imagination

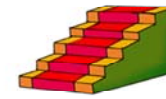
References

- **Student material:**
  - Class Book (presentation slides with notes)
- **Book:**
  - Data Modeling techniques for data warehousing
- **Web-site:**
  - http://www.datawarehouse.org

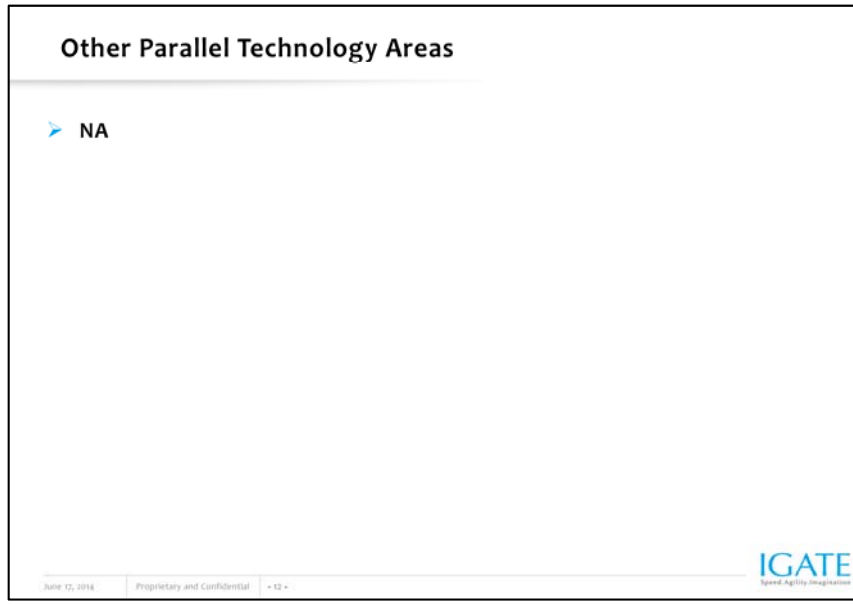
IGATE
Speed. Agility. Imagination

Next Step Courses (if applicable)

- BI related tool training



IGATE
Speed. Agility. Imagination


Other Parallel Technology Areas
NA
June 17, 2014
Proprietary and Confidential
- 12 -
IGATE