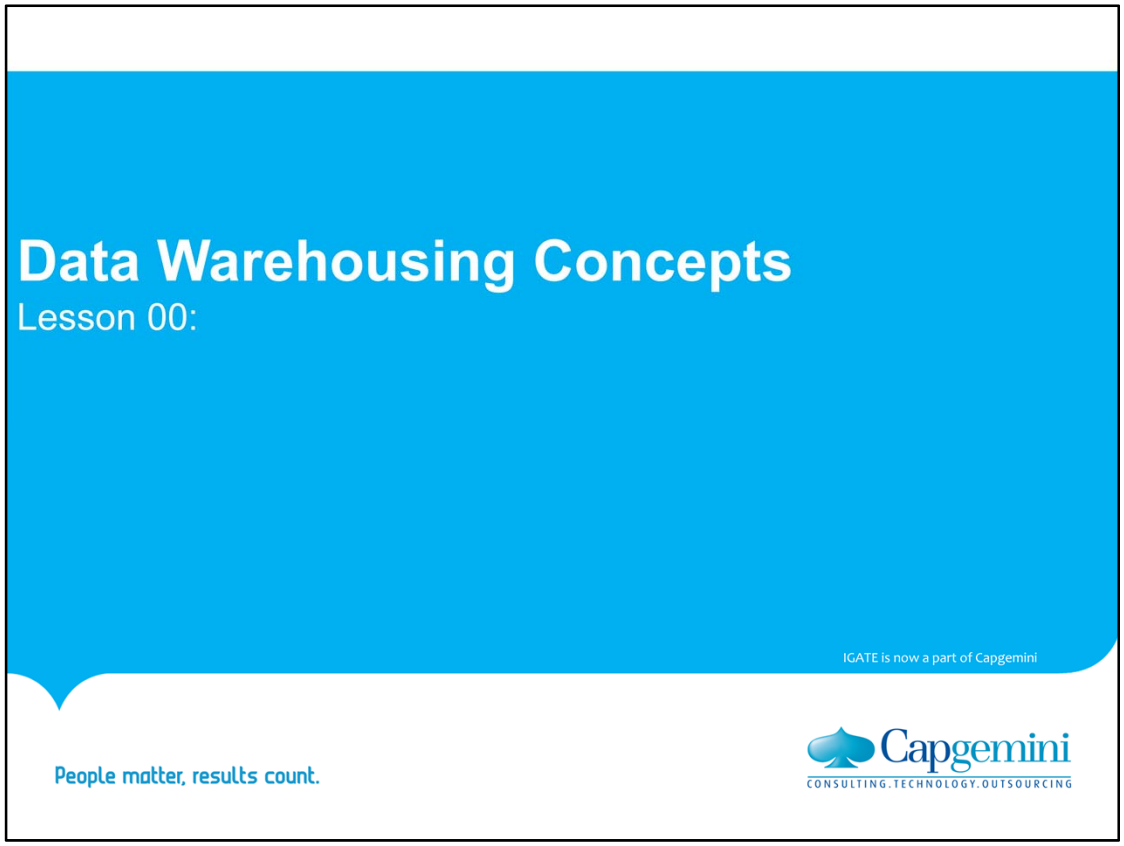

Document History

Date	Course Version No.	Software Version No.	Developer / SME	Reviewer(s)	Approver	Change Record Remarks
	0.1D	NA				Content Creation
Jan-2009	0.1	NA	BI CDI team			Review
16-Apr-2009	2.0	NA	Priya Rane			Material Revamp
04-Feb-2010		NA	CLS Team			Review
31-July-2012		NA	Coordinators			Change to IGATE Format
June 2016	2.1	NA	Swati Rao	Rajita Dhumal	Mahima Sharma	Material Revamp as per Integrated ToC for I & D LoT

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 2

Course Goals and Non Goals

- Course Goals
  - At the end of this program, participants gain an understanding of basic concepts in Data warehousing.
- Course Non Goals
  - Implementation of dimensional modeling is not the part of this course.

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 3

Pre-requisites

- Fair knowledge of Database

Intended Audience

- Software Engineers and Senior Software Engineers

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 5

Day Wise Schedule

- Day 1
  - Lesson 1: Business Intelligence
  - Lesson 2: General concept of Data Warehouse
  - Lesson 3: Dimensional modeling
  - Lesson 4: ETL and Metadata
  - Lesson 5: Online Analytical Processing (OLAP)
  - Lesson 6: Data Mining
  - Lesson 7:Best Practices for Building Data Warehouse
  - Lesson 8: Case Studies

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

Table of Contents

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 7

Table of Contents

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 8

Table of Contents

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 9

Table of Contents

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

Table of Contents

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 11

References

- Student material:
  - Class Book (presentation slides with notes)
- Book:
  - The Data Warehousing Toolkit – Ralph Kimball
  - Introduction to Database Systems – C.J. Date
  - Advanced Data Warehouse – IBM
- Web-site:
  - http://www.datawarehouse.org
  - http://etl-tools.info/

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

Next Step Courses (if applicable)

- BI related tool training

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 13

Other Parallel Technology Areas

- NA

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

 14