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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 ETL.

➤ Course Non Goals

- Implementation of ETL tools.



Pre-requisites

- Fair knowledge of DW concepts

Intended Audience

- Software Engineers and Senior Software Engineers



Day Wise Schedule

➤ Day 1

Lesson 1: Basic Concepts

Lesson 2: ETL Process

Lesson 3: Operational considerations

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» 6 «

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Table of Contents

➤ Lesson 1: Basic concepts

- 1.1: Data warehouse
- 1.2: Data warehousing strategies
- 1.3: Data warehouse architecture
- 1.4: ETL Meaning
- 1.5: Need for ETL

➤ Lesson 2: ETL process

- 2.1: Data extraction
- 2.2: Data transformation
- 2.3: Data Loading

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• 3 •

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Table of Contents

- **Lesson 1: Operational Considerations**
 - 3.1: Exceptional Handling
 - 3.2: Alerts and Notification
 - 3.3: Process restart-ability
 - 3.4: Job Scheduling and Monitoring

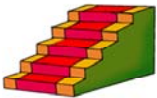
References

- **Student material:**
 - Class Book (presentation slides with notes)
- **Book:**
 - The Data Warehousing ETL Toolkit – Ralph Kimball
- **Web-site:**
 - <http://www.datawarehouse.org>
 - <http://etl-tools.info/>



Next Step Courses (if applicable)

- BI related tool training



Other Parallel Technology Areas

➤ NA