

SQL ROADMAP

DAY 1-5 INTRODUCTION TO DATABASE DESIGN AND SETTING UP MYSQL

DAY 1-2 DATABASE , DATABASE MANAGEMENT SYSTEM, DATA WAREHOUSE, STRUCTURE OF DATA WAREHOUSE

DAY 3-4 OLAP VS OLTP, ERD, STARSHEMA

DAY 5 Constraints (Entity, Referential, Semantic) and SETTING UP SQL WORKBENCH

DAY 6-12 QUERYING IN MYSQL

Day 6-7 DDL, DML, AGGREGATE FUNCTIONS, ORDERING

Day 8-10 String and Date Time functions, Regular expressions, Nested Query,

Day 10-12 CTE's and Views

DAY 13-21 ADVANCED SQL

Day 13-14 Sets and Joins operations, Joins VS Nested Query

Day 15- 17 Window functions – Rank, Partition, Frames and named, Lead and Lag functions

Day 18-21 Case Statements, UDF, Stored Procedures and Cursors

DAY 22-25 Query Optimization

Day 22-24 Best Practices, Indexing and Ordering

Day 25 Clustered Vs Non-Clustered Indexing

DAY 26-30 Case Study and Project Deployments

Day 26-27 Problem solving approaches with different Case Study

Day 28 Sample Case Study

Day 29-30 Major Case Study and way for deployment