Basic Data and Tables Concept

- What is database
- Data types
- Tables and Relation

MySQL Introduction

- Example Databases
- MySQL Database Server Editions

Basic SQL on MySQL

- Basic Table Design
- CRUD
- Join and Group By

Deep into MySQL

- Basic Architecture
- Intro Storage Engines

Programming Inside MySQL

- Stored Routines
- Triggers
- Event Scheduler
- User Defined Function (UDF)

Advanced Database

- Replication
- Partitioning
- Recovery/Backup

Data Analysis Basic:

- Introduction to DW and DB (OLAP vs OLTP)
- Facts and Dimension
- DW Schema Infrastructure
- Kimball vs Inmon
- ETL Process
- Data Cleansing, Data scrubbing, Data Mining
- Documentation