

DATA MODELLING TRAINING

INTRODUCTION

Through Big Data, the importance of data and data quality has been widely accepted. More and more individuals now need to play an active role within the data management function.

Understanding the data structures within an organisation is key to successful information and data management. This understanding is reached by modelling the various data structures using the industry standard notations. Data structures have expanded over the years from relational operational databases to dimensional analytical cubes. This course addresses both these areas

COURSE DESCRIPTION

The course runs over three days and includes a number of exercises that will help to consolidate the learning in a practical way. The delegate will gain a good understanding of data modelling as well as the ability to apply it. The course also looks at Big Data concepts and how Big Data projects differs from Small Data projects. NoSQL, Hadoop, data lakes, Data Science, and the impact of Big Data on both business and consumers are addressed.

COURSE DURATION

Three days

COURSE HANDOUTS

- Data Modelling Made Simple by S. Hoberman
- Printed course manual
- On-line material including a data modelling tool

PREREQUISITES

This is a foundational course with no prerequisites.

COURSE OUTLINE

Day 1

- Introduction to Data Architecture
- Data Modelling Components
- Conceptual Data Modelling

Day 2

- Logical Data Modelling
- Physical Data Modelling

Day 3

- Dimensional Data Modelling
- Data Modelling Quality
- Big Data
- Data Science

COURSE LOGISTICS

The public course schedule is available at www.realirm.com/training/scheduled-courses.

Private courses are available on request for groups of 4 or more delegates.

CONTACT US

www.realirm.com/training or training@realirm.com

