

## Data Warehouse Concepts

**The data locked up in your corporate systems is one of your most valuable assets. However, unlocking this data and turning it into effective knowledge can be problematic.**

A Business Intelligence project based on a Data Warehouse could be the right way forward, however such projects often fail, due to organisations not taking on board 2 critical points:

- The design of a Data Warehouse is fundamentally different to that of a traditional database.
- There are specific risks associated with implementing a Data Warehouse that, if left unmanaged, will cause overrun, overspend and disillusionment.

Acuma's Data Warehouse Concepts course will assist organisations to gain the most from their BI by establishing a true competency in Data Warehouse concepts, capable of coordinating the many components needed to achieve success. The objective is to provide a short, low-cost introduction to the key project and design issues involved in implementing a Data Warehouse to both non-technical and technical users. Using Acuma's experience and expertise we focus on the core concepts, allowing you to undertake roles within such BI projects and their related activities.

### On completion, delegates will be able to:

- Recognise the key risks inherent in Data Warehouse projects and deploy strategies to mitigate them.
- Plan the major phases of a Data Warehouse project.
- Understand the critical differences between the design of a traditional database and a Data Warehouse.
- Design a small data mart in overview.

### Who should attend?

Senior Executives and Project Managers involved in sponsoring or managing a Data Warehouse project.

### Prerequisites

A basic awareness of relational database concepts such as tables, attributes, joins, primary keys, and foreign keys.

### Practical work

Practical exercises will reinforce the topics covered.

### Course Duration

1 day

### Related and follow-on courses

- Data Warehouse Design
- Dimensional Modelling Integrated with BusinessObjects

### Course Contents

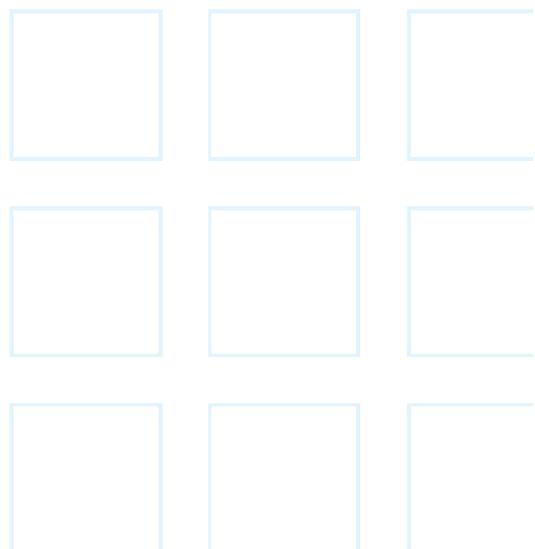
- Introduction to Data Warehousing, including the benefits of a Data Warehouse.
- Recommended Approach to Data Warehousing projects and 'Why Dimensional Modelling?'
- Basic Principles of Data Warehouse Design, including identification of the dimensions that will deliver the most benefit.

### Acuma Education

All Acuma courses are delivered by trainers who are highly experienced consultant practitioners. This rich project experience coupled with professional training skills helps delegates to focus on how the course contents can be put into practice in their workplace.

Acuma delivers courses from dedicated training facilities in Manchester, Birmingham and London, but also deliver training offsite using suites of laptops, with the option to customise courses to use your own business data and tailored to your exact training needs. The most appropriate training format depends upon your training objectives, number of learners, timescales, budgets and delivery logistics. Whatever your needs, Acuma will find the approach most suited to them.

Acuma Education's seal of quality is demonstrated through consistent achievement of the prestigious "Gold Standard" from the Learning and Performance Institute.



Acuma is an Information Management (IM) Specialist. Acuma is part of the Saksoft group and provides solutions, which are unique, flexible and cost-effective service blending local high value consultancy and global high quality project delivery. Acuma delivers business improvements by drawing together strategy, technology and methods of Information Management into a single philosophy called the Information Value Model (IVM).