



Base 3 Systems delivers knowledge

Through exceptionally well-documented training courses delivered by highly qualified instructors, re-enforced with relevant industry specific exercises and, if required, one to one mentoring.

About Base 3 Systems

Base 3 Systems is an established, highly regarded Software Consultancy and SAS Institute Consulting Alliance Partner, specialising in solutions to business problems using SAS® Software.

Our instructors are all experienced SAS consultants who have been using SAS software for many years. The approach we use is to tackle learning needs by reinforcing the technical information delivered on our training courses with comprehensive practical sessions, leading to much more workshop based, rather than 'stand and deliver' courses.

Our standard courses are appropriate for a wide range of abilities and centre around the core of the SAS System. All are developed with MS Windows in mind, however, they can be tailored to suit your operating system requirements.

The costs of courses are extremely competitive and will vary according to number of attendees, duration of course and individual requirements. Please note that, unlike our competitors, we do not offer public courses. Instead, our standard courses are delivered exclusively to your organisation at public course prices.



Base 3 Systems Head Office and Training Rooms

SAS® Data Integration Studio

Course Aims

After attending this course, attendees should have a thorough knowledge of Data Integration Studio, and be able to: manage repositories; define a variety of different sources/targets; define processes for Extraction, Transformation and Loading of data; produce reports; import/export metadata; and deploy jobs for scheduling.

Duration

2 days

Required Knowledge

No previous knowledge of SAS software or Data Integration Studio is assumed, however familiarity with MS Windows, a keyboard and a mouse is essential.

SAS® Data Integration Studio - Concepts Covered

Introducing Data Integration Studio

- *What is Data Integration Studio?*
- *Why use Data Integration Studio?*
- *How does DI Studio work?*
- *The “Principles” of DI Studio*
- *The DI Studio Environment*
- *DI Studio Help Facilities*

Database Terminology

- *Relational Database Overview*
- *Normalisation*
- *Denormalisation*
- *Reading Entity Relationship Diagrams*

Getting Started

- *Types of Repository*
- *Change Management*
- *Creating a Repository*
- *Creating a Metadata Profile*

Defining Sources

- *Defining Metadata for an External File*
- *Defining Metadata for ODBC*
- *Defining Metadata for a SAS Dataset*

Defining Target Metadata

- *Defining Metadata for Target Tables*
- *Defining an Index*
- *Defining a Primary Key*
- *Defining a Foreign Key*

Process Designer

- *Simple Process Flows*
- *Impact Analysis*
- *SQL Transformations*
- *User Written Code*
- *Pre & Post Processing*
- *Generating Reports*
- *Slowly Changing Dimensions*

Importing & Exporting Metadata

- *Replication/Promotion*
- *Exporting Metadata*
- *Importing Metadata*

Scheduling

- *Deploying a Job*
- *Creating a Flow*

