

## i2 iBase Designer Course Overview

Level 3 - Experienced

Duration: 5 days

Class size: A maximum of 10 (classroom) and 6 (online)

*“My colleague, who created our database, is leaving and I am taking over. I need the knowledge and confidence to both create, and make changes to, an iBase database.”*

### What skills will you gain?

- How to set about creating an iBase database including how to research the users' requirements
- Implement and test an iBase database so you are confident that it will work
- Set up and manage users access and permissions to the database
- The knowledge and skills required to setup additional functions in iBase, maintain the database in iBase Designer, and to understand how to work with your IT department including SQL Server Administrators

### Course Content

- Designing an iBase database - a practical application of a task based process
  - Research
  - Modelling a database
  - Prototyping
- Creating a database
  - Creating Entities
  - Creating Links and using Link Ends
  - Creating Fields of different Types and Properties
  - Creating Icon and Code Lists
  - Implementing Attributes
  - Enabling Tooltips
  - Discussing the impact of data quality
- Testing a database
  - How to test a database
  - Importing data to test
  - Assessing the results
- Security
  - Password files
  - Designing security
  - The 4 security groups
  - Moving iBase databases (MS Access)
  - Audit logs
- Administration
  - Understanding the role of the Designer working alongside the IT specialist
  - Backing up iBase files (MS Access)
  - Link Integrity and Schema Intergrity Check
  - Weeding old data
- SQL Server
  - Understanding the role of the iBase Designer alongside the role of SQL Server Admin
  - Enabling Search 360
  - Enabling Alerting and History
- Maximising the chances of success
  - Creating Datasheets
  - Labelling Schemes
  - Folder Objects
  - The role of support, training and user groups
- Sematic types in iBase
  - The use of Semantics
  - Semantically typing in iBase Designer
- Updating the Database over time
  - The impact of adding Entities, Links and Fields that contain data
  - The impact of editing Entities, Links and Fields that contain data
  - Exporting data
  - Importing data using Record Identity
  - The impact of Deleting Entities, Links and Fields that contain data
  - Schema Updates

### Objectives

By the end of the course delegates will be able to:

- Plan, create and test iBase databases using a task based process
- Set up users using security that controls access to data and functions
- Administrate and configure functions such as Search 360, History and Alerting
- Understand and enable key features that will improve the success of an iBase database
- Modify a database that already has data, and keep it up to date over time

## Course Delivery – what can you expect?

All of our courses are delivered by our own, in-house, highly experienced trainers, who specialise in training i2 software. We believe that to learn software effectively you need access to a friendly and professional training environment where you have the maximum time spent hands-on using the software; where questions and discussion are encouraged, and that makes you think about how anything you learn will be applied back at work.

## What data will you use?

Our training uses sets of training data that we have created to look and feel familiar. We will never ask you to use or provide examples of your real data or be in a position to access it. You will use an array of example training data to design, implement and test two databases, including:

- Intelligence including: People, Locations, Call Data, Financial Transaction, Organisations, Vehicles

## Is this the right course for you?

This course is aimed at:

- Experienced iBase users, such as Analysts, who need to create and maintain an iBase database
- Those in an IT role who need to create and maintain an iBase database. Please note this is not a technical course and as such we do not cover topics such as how to setup SQL Server for iBase.

## Prerequisites

You must have attended an iBase Level 1 – Foundation Course, such as iBase Standard, or be an experienced user who understands how to use iBase.

All courses are conducted in English so you should have a good understanding of spoken and written English. Please note translators can be used on closed courses.

## Where Next?

- As an iBase Designer you need to be as knowledgeable as you can about iBase and as such we would recommend any iBase Level 2 Course.
- If your users also use iBase with other products, such as Analyst's Notebook, we would recommend any relevant course to improve your knowledge, and therefore your ability, to design to get the most out of your iBase database.

### Technical Requirements (Online Courses Only)

Our online courses are run using virtual machines, with everything you need provided in a secure and straightforward environment. For the best experience you will need to install the following:

1. Amazon WorkSpaces Client
2. Zoom Client

It is a simple process, and we will send all the relevant links and details on how to do this. These need to be installed before the course.

You could use your own personal computers to attend this training as we provide the i2 software and course materials. This is an option being used by customers where IT policy prevents them installing the Amazon WorkSpace and Zoom client software on work computers.

*Please note that we reserve the right to amend certain aspects of the course as published in this overview including, but not limited to, maximum class size, course content, technical requirements. If you have any questions about the specific course you book please contact us.*