

MAPINFO PROFESSIONAL INTRODUCTION COURSE

Who should attend the training?

This course has been specifically developed for both the novice MapInfo User or for those of who may be “out of practice”. By attending this new course you can unleash the power of MapInfo Professional and get some hands on experience with the latest version of the software.

What will this course allow me to do?

The MapInfo Professional Introduction Course defines the concept of a Geographic Information System (GIS) and provides you with an understanding of basic MapInfo Functionality that will enable you to create maps and analyze your data in a spatial context. We have also included several self-paced problem solving exercises that are designed to reinforce the various topics and features covered in this course.

Prerequisites?

We ask that you have sound working knowledge of Windows and that you are familiar with tool button and menu driven applications before attempting this course

Features and Topics Covered

- View Data in MapInfo Professional
- Developing Map Window Skills
- Mapping in Layers
- Labelling
- Selecting Using Tools
- Selecting Using Queries
- Opening Data Files in MapInfo Profesional
- Creating Points
- Finding
- Geocoding Records
- Buffering
- Thematic Mapping
- Using the Layout Window
- Creating Electronic Output

Duration

2 days

MAPINFO PROFESSIONAL

MAP CREATION & DATA MANAGEMENT

Who should attend the training?

The MapInfo Professional Map Creation & Data Management Course is aimed at those who have completed the MapInfo Professional Introduction Course or those who have an equivalent knowledge of the MapInfo Professional Environment and are able to perform basic MapInfo functions.

What will this course allow me to do?

Gain better understanding about what MapInfo can do for your business and determine the best way to display and interpret your own data. Find out how to plot points on a Map using the geocoding feature that enables you to view and analyze your customers or business sites spatially. Discover how Redistricting and buffering tools allow you to easily recognize trends and patterns that are always identifiable when using standard tabular databases. Improve your mapping skills and learn how to manipulate and display data so you can produce more meaningful maps. Explore the various ways in which you can import non-MapInfo files so that you may utilize your corporate data within the MapInfo environment.

Increase your geocoding "hit-rate" by utilizing MapInfo's advanced geocoding functions. Once you have created the perfect Map, then use the HTML Image Map tool to launch it on the world wide Web. If these are the skills that you require to perform your analysis in a more efficient and effective manner, then this is the course for you.

Prerequisites?

Before attempting the MapInfo Professional Map Creation & Data Management Course, it is recommended that you have completed the MapInfo Professional Introduction Course. However we also encourage the attendance of those persons who have had some experience with MapInfo Software and believe they have developed a sufficient skill set to successfully attempt this course. Alternatively, contact your nearest MapInfo office and they will send you our "MapQuiz"- a quick self-assessment to compare your knowledge with that required for this course.

Features and Topics Covered

- Creating and Editing Map Objects : Part I
- Creating and Editing Map Objects : Part II
- Creating and Editing Map Objects : Part III
- Cleaning and Optimising Spatial Data
- Using Raster Images
- Importing Map Files
- DBMS Basics with MapInfo Professional
- Using and Managing Metadata
- Automating Data Processing Operations
- Accessing Web Map services and Web Feature Services
- MapInfo Professional in a Multiple User Environment
- Geocoding Using a Server

Duration

2 days

MAPINFO PROFESSIONAL GEOGRAPHIC ANALYSIS & PRESENTATION

Who should attend the training?

To cater for The needs of more experienced Mapinfo user, we have designed the MapInfo Professional Geographic Analysis & Presentation Course. Acquire a better knowledge of the more sophisticated features and the tools available within MapInfo Professional that together enable you to get the most out of your data and discover its true meaning.

What will this course allow me to do?

This course explores the conventions of MapInfo's Structured Query Language (SQL) and shows you how to manipulate your data by joining and sorting tables using Mapinfo functions, aggregate and operators. Learn how to display complex analytical information without crowding your thematic Maps. Explore a number of methods for making your thematic maps more informative through MapInfo's customization features, such as bivariate shading, inflection points and range calculation methods. Find out how you can create your own graphic objects and how to manipulate existing graphic object using MapInfo's button pads and menu system. In addition participants will be guided through the process of creating reusable templates for presentations and shown the various techniques used for developing better layouts.

Prerequisites?

A thorough working knowledge of Mapinfo Professional is required before attending this course, and ideally you will have completed both the MapInfo Professional Introduction also Map Creation & Data Management Courses.

Features and Topics Covered

- The Update Column Command
- MapBasic for MapInfo Professional Users
- SQL Select Part I : Essentials of Data Querying
- SQL Select Part II : Geographic Operators and Functions
- SQL Select Part III : Advanced Querying
- Region Analysis
- Advacend Thematic Mapping Part 1
- Advanced Thematic Mapping Part 2
- Redistricting
- Creative Map Annotation, Presentation, and Output

Duration

1 day

SCHEDULE COURSE MAPINFO PROFESSIONAL FULL MODULE

The 1st Day	09.00 - 10.30	View Data in MapInfo Professional Developing Map Window Skills
	10.30 - 10.45	Coffee break
	10.45 - 12.00	Mapping in Layers Labelling
	12.00 - 13.00	Lunch
	13.00 - 14.30	Selecting Using Tools Selecting Using Queries
	14.30 - 14.45	Coffee break
	14.45 - 16.00	Opening Data Files in MapInfo Profesional

The 2nd Day	09.00 - 10.30	Creating Points Finding
	10.30 - 10.45	Coffee break
	10.45 - 12.00	Geocoding Records Buffering
	12.00 - 13.00	Lunch
	13.00 - 14.30	Thematic Mapping Using the Layout Window
	14.30 - 14.45	Coffee break
	14.45 - 16.00	Creating Electronic Output

The 3^d Day	09.00 - 10.30	Creating and Editing Map Objects : Part I Creating and Editing Map Objects : Part II
	10.30 - 10.45	Coffee break
	10.45 - 12.00	Creating and Editing Map Objects : Part III Cleaning and Optimising Spatial Data
	12.00 - 13.00	Lunch
	13.00 - 14.30	Using Raster Images
	14.30 - 14.45	Coffee break
	14.45 - 16.00	Importing Map Files

The 4th Day	09.00 - 10.30	DBMS Basics with MapInfo Professional Using and Managing Metadata
	10.30 - 10.45	Coffee break
	10.45 - 12.00	Automating Data Processing Operations Accessing Web Map services and Web Feature Services
	12.00 - 13.00	Lunch
	13.00 - 14.30	MapInfo Professional in a Multiple User Environment
	14.30 - 14.45	Coffee break
	14.45 - 16.00	Geocoding Using a Server

The 5th Day	09.00 - 10.30	The Update Column Command MapBasic for MapInfo Professional Users SQL Select Part I : Essentials of Data Querying
	10.30 - 10.45	Coffee break
	10.45 - 12.00	SQL Select Part II : Geographic Operators and Functions SQL Select Part III : Advanced Querying
	12.00 - 13.00	Lunch
	13.00 - 14.30	Region Analysis Advacend Thematic Mapping Part 1 Advanced Thematic Mapping Part 2
	14.30 - 14.45	Coffee break
	14.45 - 16.00	Redistricting Creative Map Annotation, Presentation, and Output