

Introduction to MapInfo Professional®

Belgium, Netherlands, Luxembourg

This training class is an introduction to using MapInfo Professional. This course has been designed to include a maximum amount of hands on, problem solving work. You will use MapInfo Professional to build maps and visualise data on them. A mixture of instructor led and self paced exercises is used throughout the class.

In summary, the major topic areas of the course cover the four following key areas:

- (1) The basics and background to using MapInfo Professional.
- (2) Getting your own data into MapInfo Pro and on to a map.
- (3) Visualising/analysing your data.
- (4) Creating output (printing and exporting maps)

This course is taught in English.

Goals and Objectives of this Course

After completion of this course you will be able to:

- Use MapInfo Professional's different views of data (Maps, Browsers, and Layout windows) and its user interface.
- Understand and use the layering system.
- Perform querying and geographic searching of maps and data.
- Bring spreadsheet files, delimited ASCII files, dbf files and Microsoft Access database tables into MapInfo Professional.
- Use the geocoding and create points capabilities to get your own data on a map.
- Use MapInfo Professional's labelling features to annotate your map.
- Change the colours and styles of your maps to reflect underlying data (thematic mapping).
- Use MapInfo Professional's Buffering capabilities to perform proximity analysis.
- Use the layout window to create effective hardcopy output.
- Place your maps into other applications such as word processors, spreadsheets or presentation programs.

Topics At-A-Glance

- Opening Maps, Browsers, Graph and Layout windows.
- Using map windows and the layer control features.
- Bringing spreadsheets, text files, and database files into MapInfo Professional.
- Geocoding and creating points.
- Map based and data driven selecting and querying (*Query > Select* command).
- Thematic mapping.
- Buffering.
- Adding text and labels to your maps.
- Prepare maps for printing using the Layout window.
- Embedding maps into other documents such as spreadsheets and presentations.

Pre-requisite: Experience with graphical user interfaces (Windows 98, Windows NT/2000/XP) is required.

Course Content

Displaying MapInfo data

Basic concepts to using MapInfo Professional, including understanding what tables and selections are. Opening MapInfo tables. Viewing data in a Map, Browser Graph windows. Working with subset of a table.

Developing Map Window Skills

Basic concepts to working with Map windows, including zooming in, zooming out and panning the map to change what area you are looking at. Viewing multiple map windows at once. Using workspaces to save your maps.

Mapping in Layers

Using MapInfo Professional's Layer Control features. Setting and changing the colours and styles of your map. Adding, removing and reordering layers in a Map window. Setting your map so that detail (layers) are added when you zoom in and removed when you zoom out.

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Selecting Records Part 1: Selecting from a Map

Using the select tools to make selections from a map. Selecting objects within a radius, rectangle, region or custom polygon. Viewing the selected data in a Browser window. Using the statistics window to analyse the selection. Reversing or inverting a selection (selecting what is not selected).

Opening your Data Files in MapInfo Professional

How to open common data file formats in MapInfo Professional, including MS Access® tables, spreadsheet files, DBF files, and delimited ASCII files. Customising the Browser window, including changing fonts and choosing the columns to display.

Getting Your Data On a Map: Creating Points

Using MapInfo Professional's Create Points command to get your data on to a map. Understanding and using the Netherlands national coordinate system (Rijksdriehoeksstelsel). Understanding Longitude/Latitude coordinates.

Selecting Records Part 2: Using the Query > Select Command

Using the Query > Select command to filter your tables for data that meets a certain condition. For example to select only the regions with more than 100,000 customers. Using multiple select conditions at once and making selections with wildcards. Understanding the different ways you can save a selection.

Getting Your Data On a Map: Geocoding

This module will cover street level in the Netherlands as well as Post Code level geocoding. Automatic and interactive geocoding techniques are covered. Methods for dealing with records that do not geocode. Geocoding options.

Creating Thematic Maps

Colouring maps according to associated data. In this lesson you will create several different types of thematic maps including ranged maps, individual value maps and graduated symbol maps. Shading a table based on information from a different table (joining). Editing the legend. Understanding thematic layers.

Labelling

A comprehensive look at the labelling features of MapInfo Professional. Manually creating and editing individual labels including placing them, moving them and deleting them. Labelling an entire layer automatically. Setting label options (such as the font size) for an entire layer automatically. Changing the data column used for labels. Adding your own text annotations on to a map.

Buffering

Using the buffering capabilities to perform proximity analysis. Creating buffers around both point and line objects. Understanding the different Buffering options. Selecting and analysing what is inside the buffer(s).

Creating Hardcopy Output Using The Layout Window

Using the layout window to create hardcopy (printed) output. Placing multiple maps, browsers, legend windows or other windows on a page. Understanding and working with frame objects. Using your own logos in a Layout window.

Creating Output: Placing Maps in Other Applications

Placing maps from MapInfo Professional into other software, such as a word processor. Understanding MapInfo Professional's OLE support. Saving a window as a bitmap, or some other format, to be used in another software package.

MORE TRAINING INFORMATION: Private Training and Customised Courses

Private training courses are available at your location or ours. You will benefit from private, focused instruction and save time and money by eliminating travel and related costs for your group. (In fact, if you have as few as four people to be trained, a private class may be more cost effective.) MapInfo can design a customised course for your organisation. The course can incorporate your data into exercises and case studies that are directly related to your business. Call the MapInfo Benelux Office on +31 (0)183 642950 for details and pricing.

Book Now!

To Register for a Course: Contact the MapInfo Benelux office! We can provide you with the latest schedule and availability. We will send you a course booking form that you can fax back to us.

Avoid disappointment – register early!! Places are limited on the courses to ensure that attendees receive individual attention. Delegates are enrolled in classes on a first come-first served basis!

Public Course Locations:

MapInfo's public courses are held at our Benelux offices in Gorinchem, Netherlands. Gorinchem is a short train journey from Amsterdam and easily accessible from many points within Belgium, Luxembourg and the Netherlands. As mentioned above, courses may also be held at your location.

