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MapInfo Introduction / Intermediate

Duration: 2 Days

Overview:

Aspect Training's MapInfo Introduction/Intermediate training course's covering the use and application of MapInfo Professional

The training will introduce the basic principles of using the program, and will provide an opportunity to apply these principles to a context of your own choosing by incorporating your own maps and data as appropriate. With the training concentrating on Worked Examples throughout we find our customers gain major insights in how to use MapInfo for their benefit.

We use a "Hands on Practical" approach providing many examples. We can and often do, incorporate your own data, making the training even more relevant.

Prerequisites:

To gain the most from this course, participants should be familiar with desktop computers and have a good knowledge of Windows. They should be at ease with such tasks as moving & re-sizing of windows, switching between applications and loading applications. Ideally participants will be able to create directories and locate files using Explorer

Continued Over...



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Course Topics:

INTRODUCING THE BASICS

MapInfo file and directory structure
Saving, copying, and closing
Understanding the MapInfo Screen
How a map and data are connected
View Tools: Zooming, setting map
Scale, arranging the map in its window
Working with Layers
Object size concepts
Understanding Workspaces
Labelling the map
Setting the zoom range
Map types: Raster versus Vector

SELECTION

One or several objects by clicking
Within a rectangular area
Within a circular area of set radius
Within a (user-defined) drawn polygon
Within the boundary of an area
Invert a selection
Remove a selection

CREATING AND EDITING OBJECTS

Points of various styles / formats
Lines of various patterns and thickness
Areas of various fill and boundary style
Reposition and reshape
Reformat

INFORMATION TOOLS

Distance between points by measuring
Object properties
Statistics on stored numeric values
charts production

SELECTION THROUGH QUERIES

Whole textual entry in the data
Partial textual entry (wildcards)
Numeric values in the data
Length or area of a map object
More than one aspect concurrently

THEMATIC MAPPING

Shade areas
Size of points
Thickness of lines
Two layers at once
Mini-charts to compare values
Redistricting for presentation

OUTPUT AND PRINTING

Copy-paste techniques
Create Layout windows

DATA

Creating new tables from scratch
Creating new fields
Use of various field types
Table "packing"
Simple calculation from existing fields

MAPBASIC ROUTINES

Draw scale bar
Draw grids
Create an HTML web page
Concentric ring buffers
Draw north arrow

SQL SELECTIONS

More than one table (layer) at once
The position of objects in several layers
Counts / totals for numeric fields
Counts for text fields
counts depending on location

DATA 2:

Import data from external sources
Redistricting as a means of data entry
Link fields
Link tables using locational elements
Aggregate functions