

## MapInfo Expert 64 Bit Course - Full Outline

### 1. MapBasic Utilities and the Tool Gallery

- **Tools** – registering and running tools
- **tools which group MapInfo functions** - e.g. distance calculator, sync windows
- **tools which add MapInfo functionality** - e.g. MapCAD, Grid Maker, Universal translator
- **tools which make MapInfo easier to use** - e.g. Named Views, Search and replace
- **Using 32 bit tools** – legacy menu

### 2. Further Thematic Mapping

- **showing more than one attribute on a map** - Pie and bar charts or Bi-variate thematics
- **thematics produced from joining data** - e.g. counts, sums and averages
- **Grid thematics** - theory and uses

### 3. Advanced Functions on Table and Map Ribbon

- **Update column or dynamic browsers** – which is best in example situations
- **Proportional sums, averages and weighted averages** – using the MapInfo overlap function
- **Redistricter** – example and explanation
- **Append Rows** – putting two or more tables into one

### 4. Advanced Functions on Spatial Ribbon

- **Combining, splitting and erasing functions** – setting a target, effect on the browser data
- **Combining objects from attributes in the browser** – using the data to create new objects
- **aggregation and disaggregation** – multi-point objects, one-many points, etc.
- **Voronoi** – natural neighbourhood creation
- **Convex hulls** – bounding areas and their uses
- **Fix/Clean** – intersects and overlaps

### 5. MapInfo Pro Set Up and setting preferences

- **Files, tables and workspace management** – how the data fits with the file types and extensions
- **Table structures with meta data** – managing tables and meta data
- **Table maintenance and packing tables** – good practice and what it does to the data
- **Individual user's menu, shortcuts and preference settings** – recommended settings