

Seppe Cassettari says that while a bad craftsman will always blame his tools, it's having the nous to use them correctly that is fundamental to success, not least in GIS

When my daughter moved into a new house - one she knowingly bought as a "do'er up'er" - I knew that much of the decorating one of the previous owners wasn't much of a decorator, leaving behind all sorts of ghastly poorly-applied paint. Just one example was dungeon effect had been created by applying black paint over artexed walls, the toilet cistern and the light switch.

Now while I'm no master builder, I do hung new doors, laid floors, rebuilt parts of the staircase. But there are limits to my knowledge and experience. I draw the line at plastering, a skill I've never mastered.

## Having a go

It strikes me that GIS is currently very much depends to a large extent on knowledge and

DIY has many parallels to GIS. The tools and raw materials (the data) are becoming more readily available, but having the background knowledge of the principles, some experience in how they should be applied and when it is best to seek help from be increasingly so with much of the software

When delivering an introductory course in GIS to a group of Cambridgeshire folk with an interest in local history pre-COVID, I ran with set-up, uploaded some imagery and old

maps, rectifying one to the other, did some digitising, created a database and generated

The knowledge and experience in the group ranged from a parish councillor with no knowledge of GIS through to a retired university don who had self-taught himself little or no knowledge (the majority of the group) was two-fold.

Firstly, they really didn't have the understanding of the background concepts to be able to pick up and start to use a GIS. We really are talking about GIS 101 what is the difference between raster and vector data, grids and projections needed simple working knowledge of maps from local studies or rambling, but in general they had little background in the principles of pick up and start using a GIS effectively.

frightened off) by the software. At the time I was using version 3.2.3 of QGIS (Bonn). 140 options in the 12 dropdown menus (and I stopped counting at that point). This is a

## Start at the beginning

Like the high-end tools and gadgets you can get in any DIY store these days, using them effectively can prove difficult. User guides and on-line forums are helpful, assuming you and are not easy for beginners to penetrate.

And as with DIY, it is easy to make mistakes and generate poor results. Possibly not even realising what you have done is

limited options and quick to get up-andhealth warnings to be included so the user knows when to upgrade or to seek advice

we launched the Cities Revealed digital widest possible audience it came wrapped in some very simple imaging software. could load the imagery into their GIS or image processing software, but by far the majority of users simply viewed the imagery through the free viewer, at least

Most technologies have their own language and seem incredibly complex to the layman. By making geospatial data accessibility, which in the long-run can only enhance and grow the core industry.



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