

Training the GIS Professional

ArcGIS Pro: Working with ModelBuilder

- 1 day

Overview

This one day course builds upon your knowledge of ArcGIS Pro to manage your geoprocessing workflows within ModelBuilder.

We will go over the basics of a model and then quickly delve into the more useful parts of ModelBuilder, to include iterators, in-memory workspaces, in-line variable substitution as well as investigating ModelBuilder's utility and logic tools. You will also be taught advanced modelling techniques such as conditional branching and embedding models inside of models.

All sections are supplemented with activities and hands-on exercises.

Who should attend

- GIS Analysts
- GIS Technical Leads
- GIS Professionals
- GIS Users

Goals

- Understand when to use ModelBuilder.
- Batch processing using iterators.
- Perform conditional branching in a model.
- Investigate the many logic and utility tools inside ModelBuilder.
- Embed an existing model inside a model.

Topics Covered

- An overview of ModelBuilder: The ArcGIS Pro Analysis environment; What is ModelBuilder?; Why use ModelBuilder?; Parts of a model; Building a model; Model properties; How do I run a model?; sharing your models.
- Batch processing using model iterators: What are iterators?; Types of iterator; Using in-line variable substitution; Using an in_memory workspace.
- ModelBuilder utility tools: What are model utility tools? Types of utility tools.
- Advanced modelling techniques: Advanced modelling techniques: Creating groups in your model; Embedding one model inside of another; Using feedback within your model; Terminating model processes; Precondition checks; Scheduling a model in ArcGIS Pro.

Prerequisites

This course is aimed at those who have prior ArcGIS Pro experience, who wish to perform batch geoprocessing using ModelBuilder and who have attended any of the following courses: Introduction to ArcGIS Pro for GIS Newcomers, Migrating from ArcMap to ArcGIS Pro or Introduction to ArcGIS Pro for GIS Professionals (now retired).

Contact Us

For GIS training enquiries and bookings visit esriuk.com/learning, email us at learning@esriuk.com or call us on 01296 745504