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# Introduction to ModelBuilder for ArcGIS Pro

*ArcGIS Version: Pro 2.x*

## Overview

ModelBuilder allows users to create custom tools in ArcGIS Pro without having to know how to write scripts. Models are created by dragging existing tools and datasets into a graphic canvas, connecting them, and setting their properties. A simple model might display lat/long locations from a spreadsheet, buffer the resultant points, and calculate the area, in acres, of the buffered polygons. More complex models may involve dozens of steps, saving the GIS professional countless hours of manually running processes. ModelBuilder is included with all license levels of ArcGIS Pro.

## Audience

ArcGIS Pro users who want to increase productivity by creating custom tools to help automate repetitive processes.

## Topics Covered

- ModelBuilder Basics – The Basics of Geoprocessing and ModelBuilder. (Understanding Geoprocessing; ModelBuilder – What It Is and How It Is Used; Running a Model; An Example Model)
- Working with ModelBuilder – Creating Models to Automate Workflows. (Creating a Custom Toolbox and a Model; The ModelBuilder Interface)
- Making a Model Dynamic – Modifying a Model to Run with Inputs that are Specified at Runtime (Model Variables; Model Parameters)
- Sharing a Model – Organizing a Model for Sharing. (Annotating a Model; Model Properties; Sharing a Model)

## Format

In-person instruction with hands-on practice, and course materials you can keep.

## Prerequisites and Recommendations

Attendees should have knowledge of Microsoft Windows® and be familiar with the basic use of ArcGIS Pro.