

# Get Started with ArcGIS Arcade - 2 Days

## Overview

Enable customised content across the ArcGIS system

Discover the unique role of the Arcade expression language within ArcGIS and explore concepts that underlie writing and executing Arcade expressions that can be used across the ArcGIS system (ArcGIS Online, ArcGIS Pro, ArcGIS Enterprise, and ArcGIS apps). In course exercises, you will get familiar with Arcade scripting environments and build expressions to customise map labels and pop-ups, create field calculations, enable data validation, and more. Leave class with a strong understanding of Arcade capabilities and community resources.

## Who should attend

This course is for GIS professionals who want to learn about the benefits of Arcade scripting and how to write, apply, and share Arcade expressions.

## Goals

- Understand Arcade language features, profiles, and portability across the ArcGIS system.
- Apply a standard workflow to plan, write, and execute Arcade expressions
- Use Arcade expressions within ArcGIS Dashboards.
- Identify, troubleshoot, and fix common scripting errors.

## Topics covered

- An overview of ArcGIS Arcade; ArcGIS Arcade characteristics; Using Arcade across ArcGIS products: Arcade expression workflow
- ArcGIS Arcade scripting environments: ArcGIS editors; ArcGIS Arcade execution environments; ArcGIS Arcade language; ArcGIS Arcade profile; Using the ArcGIS Arcade editor; Debugging an expression.
- ArcGIS Arcade visualisation: ArcGIS Arcade Visualisation profile, Arcade visualisation styling options; Using ArcGIS Arcade to specify feature symbology
- ArcGIS Arcade labeling: ArcGIS Arcade Labeling profile; Arcade labeling uses; Using ArcGIS Arcade for labeling
- ArcGIS Arcade pop-ups: ArcGIS Arcade Pop-up profile; Methods for adding Arcade to pop-ups; Using ArcGIS Arcade to configure pop-ups; Using Arcade to add HTML to pop-ups

## Topics covered - continued

- ArcGIS Arcade Field calculations; What is a field calculation? ArcGIS Arcade Field Calculation profile; Using ArcGIS Arcade to calculate attribute fields
- ArcGIS Arcade form configuration: What is a form?
- Configuring a form; ArcGIS Arcade Form Calculation profile; Using the ArcGIS Arcade Form Calculation profile; ArcGIS Arcade Form Constraint profile; Using the ArcGIS Arcade Form Constraint profile.
- ArcGIS Arcade attribute rules: ArcGIS Arcade attribute rule types; ArcGIS Arcade Attribute Rule profiles; Using the ArcGIS Arcade Attribute Rule Validation profile;
- ArcGIS Arcade in ArcGIS Dashboards: What is ArcGIS Dashboards?
- ArcGIS Arcade Dashboard profiles; Using ArcGIS Arcade expressions in ArcGIS Dashboards
- ArcGIS Arcade community resources: An overview of ArcGIS Arcade community resources; Using ArcGIS Arcade expressions from Esri Community; Arcade expression workflow; Develop an Arcade expression plan.

## Prerequisites

- Familiarity with basic programming concepts will be helpful but is not required.
- Completion of ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro or equivalent knowledge is required.
- Completion of Introduction to your ArcGIS Online subscription or equivalent knowledge is required

## Software

ArcGIS Pro 3.x and ArcGIS Online

## Contact Us

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