

ArcGIS Pro Data Interop Essentials Training Course Outline

Unlock the full potential of your ArcGIS Pro Data Interoperability Extension

Course Overview: this course is designed for ArcGIS Pro users to master the Data Interoperability Extension, powered by FME technology. Participants will learn to integrate both Esri and non-Esri data through practical transformations, automation, and intermediate workflow techniques to streamline data integration.

- **Format:** Live, Online Training (Virtual Classroom)
- **Duration:** 4 Hours
- **Level:** Introductory through to Intermediate.
- **Pre-requisites:** Familiarity with ArcGIS Pro; no prior FME experience required

Who Should Attend

- ArcGIS Pro users with the DI Extension who want to understand its full range of capabilities
- GIS analysts or data leads/managers needing to integrate diverse data sources
- Users considering a future transition to the full FME Form

Key Learning Outcomes: By the end of this session, you will be able to:

- **Connect and Transform:** Work with both Esri and non-Esri data using the DI Extension
- **Apply Practical Transformations:** Master attribute management, data cleaning, and reprojection
- **Build Workflows:** Create and reuse workspaces as geoprocessing tools within ArcGIS Pro
- **Implement Advanced Logic:** Apply filtering, joining, and conditional logic to complex data sets
- **Assess Scalability:** Understand the differences between the DI Extension and the full FME Platform (Form/Flow).

Course Content

- **Introduction to DI Extension:** Extension + understanding the ArcGIS-FME connection
- **Workbench Essentials:** Overview of the interface; readers, writers and transformers
- **Basic Data Transformation:** Hands-on exercises with attribute management, filtering, and reprojection using non-Esri sources (CSV, KML, GeoJSON)
- **Automation Basics:** Parameterising workspaces and using them as standard ArcGIS geoprocessing tools
- **Intermediate Transformations:** Merging, joins, applying conditional logic to workflows
- **Scaling your Capabilities:** Comparing the DI Extension to FME Form and FME Flow

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