

Data Virtualization Training Course Outline

Simplify access to distributed data through live, secure APIs

Overview

This practical half-day course is designed for FME users who want to connect, expose, and manage access to live data, without duplication or custom coding. Through guided instruction and hands-on exercises, you'll learn how to use the FME Platform to connect live data sources, databases, existing APIs and even AI agents, and then publish them as OpenAPI-compliant REST APIs. Whether you need to enable real-time access across teams, simplify integration, or improve governance, this course gives you the knowledge and confidence to virtualize data securely and efficiently.

Course Objectives

- Understand the fundamentals of APIs and Data Virtualization in FME
- Build and expose APIs for real-time access to distributed data
- Apply built-in security and governance, including role-based access and authentication tokens
- Create endpoints, schemas, limits and query parameters
- Learn when to virtualize versus extract and store data

Course Content

Intro to APIs and Data Virtualization. Explore how FME enables live, no-code integration across systems

Connecting Live Sources. Work with databases, APIs, and cloud services directly in FME

Building APIs in FME. Create and expose REST APIs for real-time access to distributed data

Applying Security & Governance. Configure roles, authentication tokens, and governance settings

Defining Endpoints & Schemas. Learn how to build structured, scalable API interfaces

Best Practices & Troubleshooting. Apply expert tips in a supportive, interactive virtual classroom

Tips, Troubleshooting and Best Practices. Learn from Locus experts in a virtual classroom setting, where interaction, questions and real-world scenarios are encouraged!

