

Azure DevOps for Data

2 Day Workshop



Don't Be In The Dark About The Power of DevOps

Why Azure DevOps?

DevOps is as accessible to data platforms as it is to application developers. Shift left and use automation to ease your Development & Delivery.

- Create New Environments with Infrastructure & Configuration as Code
- Maintain Consistency with Source Control
- Reduce Human Error & increase Security with Automated Testing, Builds & Deployments

What You'll Get

Learn how to apply DevOps concepts using Azure DevOps tools.

- Focus on the Benefits and Concepts of Continuous Integration & Continuous Delivery with all types of Data Projects
- Using Azure DevOps, maintain reports in Source Control, triggering builds & publishing to Multiple Environments

Who Should Attend?

- Developers
- DevOps Engineers
- Development Directors

Agenda

Using a real Azure DevOps instance, the workshop will go beyond the abstract and work on code, pipelines, and Azure data resources to cover the following topics:

Day 1 Fundamentals

- Agile development best practices
- Intro to Azure DevOps
- Source Control for Data
- Database Projects, Fluent Migration and Entity Framework
- Branching Strategies for Release and Environment Maintenance

Day 2 Automation

- Deployment Strategies for SQL
- Deployment Strategies for Other Data Utilities
- Azure Pipelines Implementation
- Environment promotion and workflows
- Securing environments
- Infrastructure as Code for Data Environments
- Migration Road Mapping

We can help you in these critical times be ready for the present and the months ahead. Call 770-623-5734 or email iahelps@improving.com for a free 30 minute consultation.