

DevOps for Data

Increase efficiencies & improve your bottom line



One Commercial Partner

Customer Benefits

- Faster time to market: Up to 2,555x Faster Lead Time For Changes
- 7x Lower Change Failure Rate
- Reduced downtime: Up to 2,604x Faster Mean Time to Recover
- Increased reliability and repeatability
- Enhanced compliance and security

Partner Benefits

- Increased customer satisfaction due to benefits listed above
- Reusable architectural blueprints increase delivery margin
- Consistency across projects
- Development team's satisfaction can be improved by automating monotonous manual tasks

DevOps is the union of people, process, and tools to enable continuous delivery of value to your end users. It is a software engineering culture, set of practices and tools which unify and harmonize software development and its use in production thus creating a virtuous cycle between Dev and Ops.

DevOps practices are very mature in the App Dev world, however, Data technologies historically didn't lend themselves to DevOps very well. Modern Data technologies allow Data Projects to leverage DevOps practices, however, given that most Data Professionals have not been exposed to DevOps practices in the past, the adoption of DevOps Practices for Data Projects is relatively low.

Benefits of DevOps have been well established and are clearly measurable, so our intention is to enable you to develop or enhance your DevOps practices for Data.

DevOps Practices

- Configuration Management
- Release Management
- Continuous Integration / Continuous Deployment
- Infrastructure as Code
- Test Automation
- Application Performance Monitoring

Technologies

- Azure Data Factory
- Azure Data Lake
- Azure Databricks
- Azure SQL Datawarehouse & SQL DB
- Azure Analysis Services
- Power BI

Next Steps

Contact your PDM/PTS if you're interested in this engagement

Summary for the OCP Team

Benefits for Microsoft

- Faster ACR growth: Repeatable IP which will impact the time to market across all projects delivered by the partner.
- Faster ACAs: Reduced time to cross the threshold for ACA
- Acceleration in Co-Sell Readiness across engagements as this practice can help in increasing Customer Satisfaction leading to Case Studies due to Improved reliability and consistency of projects

Identifying / Qualifying this practice

- Look for slow time to delivery / inconsistency / customer dissatisfaction around agility or reliability
- DevOps may have been identified as an area of improvement in the Modern Partner assessment
- Ask the partner what percentage of their deployments are fully automated
- Check if the partner has blueprints for common architectural patterns
- Check if the partner uses ARM templates for deployments