



Data Pipeline Automation via IaC on Azure

Scope

Modern systems require a lot of data processing, which usually involves even more pipelines for processing ETL feeds, collecting analytics data, etc. Over time, technical burden related to maintenance may become a major problem.

Our solution is to apply the same treatment usually reserved for application code in the scope of CI/CD and make use of templating and infrastructure automation frameworks in order to bring order, proper QA and code review practices, and release management procedures to data pipelines.

Benefit

Pipelines are now standardized

Fewer resources are required to maintain pipelines

Pipelines are now all automated vs manual legacy management.

Learn more about Microservices Platforms [Cloud and Microservices Blog](#)

How to engage

1. Workshop

Grid Dynamics Assessment framework

GD Cloud and DevOps POV

Identify pain points and friction with existing implementation.

2-4 hours

Complimentary

2. Automated IAC Pipeline Migration POC

Onboard GD Team

Identify pipeline candidates to be migrated

Identify dependencies

Implement POC

Prepare future state architecture

2-4 weeks

USD 40,000

3. Pipeline(s) Refactor

Onboard DevOps methodology

POC to Full implementation

Onboard pipelines to new platform

Validate pipelines

Train company's cloud engineers and developers

8+ weeks

USD 150,000+

Contact

wsaucerman@griddynamics.com