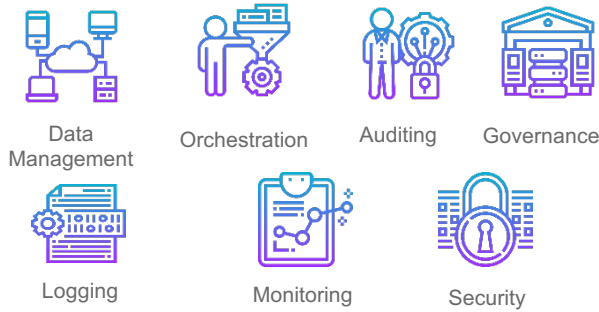


# MLOps Accelerator for Domino Data Lab

## Strategy & Execution

Design & Architect industry standard MLOps solution to automate model deployment & Retraining.



## Enable Rapid Innovation

- Orchestrate better cross-functional team collaboration
- Increase the pace of model development and deployment through monitoring, validation and management systems for machine learning models

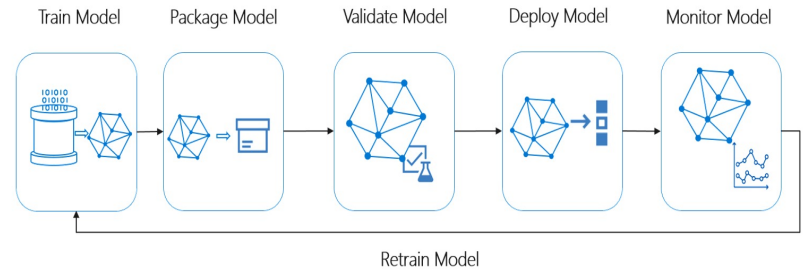
## Reduce Model Variation and Provide Resiliency

- Resources tracking via dataset registries and advanced model registries
- Provide improved traceability by tracking code, data, and metrics in the execution log
- Streamline ML development and deployment CI/CD pipelines

## Outcomes Delivered

Streamlined path to production for ML models using reusable frameworks leveraging Cloud native, Domino model APIs.

ML Model Life Cycle



## Deploy Quickly and Confidently

- Use automatic scaling, managed clusters of CPUs and GPUs with distributed learning in the cloud.
- Pack models quickly, ensuring high quality at every step through the use of profiling and model validation.
- Use managed deployment to migrate models to the production environment.

## Enable Auditing via Version Control

- Uniform distribution metrics enable model evaluation and enhancement with minimal bias
- Set calculation quotas for resources and enforce policies to ensure regulatory compliance
- Create audit trails to meet regulatory requirements

## ML OPS AT SCALE

Domino and Slalom are partnering to offer accelerators to help you build, deploy, maintain, and govern all production models

- Retail
- Banking
- Insurance
- Capital Markets
- CPG
- Media & Entertainment
- Life Sciences

