

DataRobot



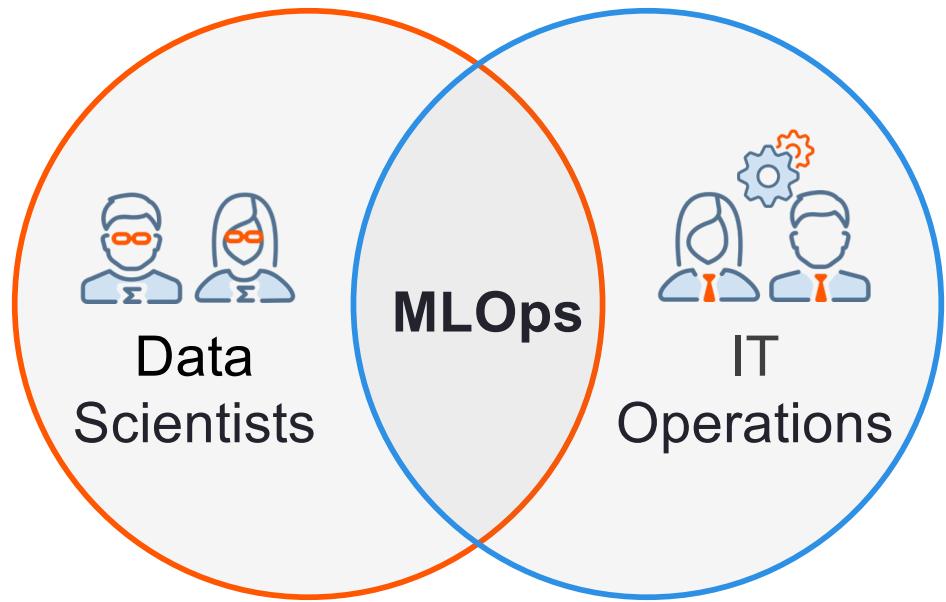
MLOps Overview



What is MLOps?

Machine Learning Operations (MLOps)

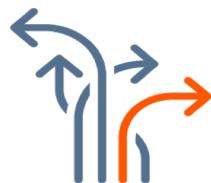
technology and practices provide a scalable and governed means to rapidly deploy and manage ML applications in production environments.





Critical Barriers for AI Adoption at Scale

Difficult Production Deployment



Variety of ML tools across teams make collaboration between data science and IT difficult

Insufficient Monitoring



ML model behavior is difficult to track with traditional software tools

Costly Model Updates



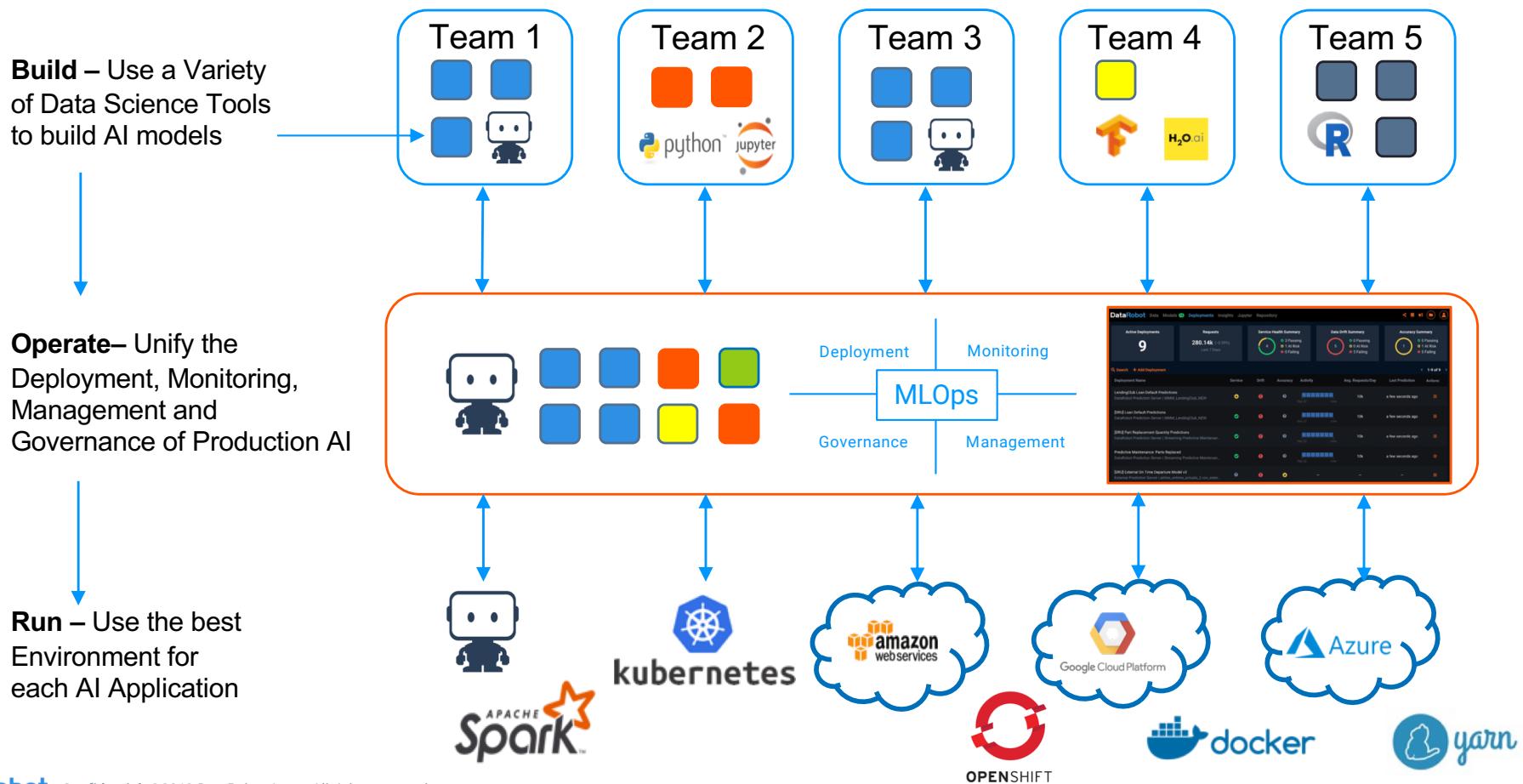
Models have a complex lifecycle that takes time away from new data science projects

Lack of Governance



Governance is required to minimize risk and ensure compliance with regulations

DataRobot MLOps - One Place to Manage All Your ML Running in Production



MLOps for AI Adoption at Scale



Production Model Deployment



Deployment for variety of models written in leading platforms and languages

Production Model Monitoring



Tracking and alerts for data drift and ML specific metrics

Model Lifecycle Management



Support for model retraining, updates and replacement

Production Model Governance



Production model access control, auditing and model lineage



The DataRobot MLOps Advantage

- **Finally deliver the value of AI** by easily deploying and managing models from multiple ML platforms in production
- **Proactively manage production models** to prevent production issues and ensure model trust
- **Safely scale AI projects** and maintain control over production models to minimize risk and comply with regulations

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