Best practices for MLOps with Azure Machine Learning

Models differ from code because they have an organic shelf life and will deteriorate unless maintained. Once deployed, they can add real business value, and this gets easier when data scientists are given the tools to adopt standard engineering practices.

“By unifying our tech stack and bringing our engineers in Big Data and online software together with data scientists, we got our development time down from months to just a few weeks.”
Naeem Khedarun
Principal Software Engineer, ASOS

With MLOps on Azure, you can quickly realize the value of your models and retain that value over time.

5 Best Practices to optimize your MLOps lifecycle on Azure:

1. Create models with reusable ML pipelines
2. Automate your MLOps rollout
3. Automatically create an audit trail
4. Deploy and monitor performance
5. Observe data drift and feed back model information to improve future training.

Create reproducible models and reusable training pipelines.
Simplify model packaging, validation, and deployment for quality control, A/B testing, and more.
Explain & observe model behavior and automate the retraining process.

Get the free trial of Azure Machine Learning and pair it with the Azure AML extension within DevOps

Learn more

Get started today with Azure Machine Learning

Including all the benefits of Azure:
- Productive
- Hybrid
- Intelligent
- Trusted