WinWire

WINNER
AI ML WORKATHON 2021
For
WinVision AI
Animal Health Solution

Machine Learning Operations (MLOps) Services

Rapidly Scale and Embed ML across business functions

The rate of AI-ML adoption skyrocketed during COVID-19, but enterprise-wide adoption has been a challenge. Scaling up ML across an enterprise brings challenges in collaboration, reusability of assets, model management, monitoring, tuning and deployment.

MLOps includes process, framework, and tools to automate the model management lifecycle, covering model drift tuning, governance, and data engineering

Building a ML Center of Excellence with WinMLOps

WinWire, a data-driven digital engineering organization, is offering **WinMLOps**, powered by Azure and Databricks services, to help organizations adopt automation in model development, deployment, and monitoring and assist them in taking ML across an organization.

WinMLOps brings pre-built code templates for monitoring, metrics dashboards, model patterns, and best practices with options of pickle, wheel file deployment based on Azure DevOps, MLflow, Databricks, and Azure ML, Python.

Our Offering - WinMLOps

WinWire | Microsoft Azure

Bringing together a strong partnership for scaling up ML adoption

How we enable MLOps

- ML adoption assessment & readiness
- Design Thinking based business value articulation
- Pre-built code templates for monitoring
- Integrated feedback loop mechanism with alerts
- Integration with Azure native services
- Rapid proof of value demonstration

WinMLOps

Outcome delivered

- Improved collaboration between Business, IT, Data Scientists with end-to-end model governance
- Increase in productionized ML use cases due to higher velocity in model development & automation
- Optimized integration with Azure services & cost management

Customer Story

A leading healthcare firm adopted WinWire's MLOps services by leveraging Azure Databricks, MLflow, and Azure DevOps to free up the data science team from the manual effort of model monitoring and focus on building more ML use cases.

Benefits

- Reduction in efforts on model deployment and monitoring
- Increased model accuracy and improved data quality
- Increased consumption models through API services

Realize MLOps benefits in 4 weeks

WinWire offers a 4 week of rapid proof of value to setup ML COE/Factory.

Key deliverables

- Environment setup for Dev, QA, Prod
- End to end model governance for one chosen model
- MLOps Environment operations handbook