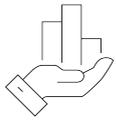# Milliseconds Matter! Can you integrate AI into your transactional applications?

Many machine learning offerings can help data scientists develop models, but deploying those models into production systems is the most challenging task for many enterprise organizations, especially in regard to model deployment within high-volume, high-performance transactional applications.

53% of CIOs say ML is a core priority as their role expands from traditional IT operations to business-wide strategy[1]

Fewer than 5% of commercial data science projects make it to production[2]

When your transactions reside on IBM Z, Watson Machine Learning for z/OS can readily embed AI into your operational processes through:

Flexible model development

Build, train and evaluate models using your Integrated Development Environment (IDE) of choice or the extensive model building features in Watson Machine Learning for z/OS (WMLz) based on enterprise-grade open source software.

Production-ready machine learning

Deliver essential model versioning, auditing and monitoring plus high-availability, high- performance, low-latency and machine learning model automation (ML as-a-service).

Improved productivity

Optimize productivity with extensive WMLz model building features and modes, including notebooks, visual builders, wizards and enhanced intelligence applied to data science activities. Automatically normalize, handle missing values and generate data features.

Enterprise-ready AI model deployment

Operationalize predictive models within transactional applications to enable real-time insight. Choose from several scoring approaches, including RESTful APIs, Java and CICS integration, optimized for the highest performance on IBM Z.

Enhanced model accuracy

Schedule periodic re-evaluations of new data to monitor model accuracy over time and receive alerts when performance deteriorates. Confidently maintain model accuracy with automatic model refresh.

Quick-start solution templates

Bolster machine learning efforts with foundational templates for common business requirements that run alongside application infrastructures to add value to key business areas, including fraud detection, loan approval and IT operational analytics (ITOA).

Learn more

Find out how IBM Watson Machine Learning for z/OS can help you embed AI/Machine Learning into your production applications. Talk to your IBM representative today or learn more at: https://ibm.biz/WMLzMarketplace

[1]Source: CIO Magazine https://www.cio.com/article/3233310/ai-and-machine-learning-are-forcing-cios-to-rethink-it-strategies.html
[2]Source: Algorithmia https://blog.algorithmia.com/deploying-machine-learning-at-scale/

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