

IBM Watson Machine Learning for z/OS

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A no-compromise approach to AI

Harnessing AI for business and operational efficiency is vital to digital transformation – with time-to-insight being a key business differentiator. There is no debate that artificial intelligence (AI) will continue to be a key driver of innovation, but many businesses are still struggling to integrate AI into production applications to better serve the business and IT. In fact, a study by VentureBeat AI¹, determined that only an estimated 13% of data science projects have been deployed into production applications.

Watson Machine Learning for z/OS (WMLz) is the only AI platform running on z/OS. It provides low latency, high performance inferencing to support scoring of every transaction, with minimal impact to SLAs (Service Level Agreements). You can effectively scale AI and take advantage of every inferencing opportunity to increase revenue, decrease cost and mitigate fraud in real-time. This allows you to infuse AI within transactional applications -- when milli-seconds matter.

As you implement AI within your business applications, you need to consider where to build machine learning models and where to deploy them. WMLz gives you the flexibility to train your models in any framework, on any platform (including IBM Cloud Pak for Data) and then readily deploy and operationalize those models on IBM Z to gain the unique advantage of inferencing in-transaction, in-real time. This approach can deliver significant value in critical, time sensitive business areas such as fraud detection, customer churn, loan approval and operational performance.

What's New

IBM WMLz 2.3 can significantly improve online scoring service performance for various types of machine learning models, especially for deep learning models in an Open Neural Network Exchange (ONNX) format. WMLz 2.3 also includes better integration with IBM Cloud Pak for Data and enhanced simplification for installation and configuration. A new Installation Planner helps provide guidance for use case-based installation preparation.

IBM now offers the IBM WMLz Online Scoring Community Edition Trial. This lightweight version of the WMLz scoring service, provides a no-charge option enabling organizations to easily download and try the WMLz in-transaction scoring approach for deep learning models.

The latest advances in AI on IBM Z also take further advantage of the platform through z/OS Container Extensions (zCX) and deliver Neural Network support through ONNX for deep learning models, for simpler, more efficient and cost-effective scoring. Scoring processes are often zIIP eligible, allowing for greater cost effectiveness and efficient execution with minimal impact to operational processes.

If you are interested in learning more about IBM Watson Machine Learning for z/OS, please contact your IBM representative or visit IBM WMLz Demos.

¹Source: VentureBeat AI News

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