

Accelerating End-to-End Al/ML with Red Hat

How Data Scientists can increase AI/ML scalability, agility, and deliver intelligent applications

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All I want to do is get my model into production!



Talent shortage

Lack of key skills make it difficult to find and secure talent to maintain operations.



Readily usable data lacking

Lots of data is collected, but finding and preparing the right data is difficult.



Lack of collaboration across teams

Unable to implement quickly due to slow, manual and siloed operations.



Unavailability of infrastructure & software

No rapid availability of infrastructure and software tools slows data scientists and developers

Red Hat Influence to help solve challenges



Creating better technology the open source way



IT optimization

Hybrid cloud infrastructure

Cloud-native development

Agile integration Management and automation



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Intelligent applications are distributed systems



The model is a tiny part, but let's focus on it

(Adapted from Sculley et al., "Hidden Technical Debt in Machine Learning Systems." NIPS 2015)



Accelerate AI/ML initiatives and rapidly move models into production





Red Hat portfolio helps complete the ML architecture





Future uses, same architecture... bring the data science to your data!



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Upstream Data Science on Red Hat OpenShift

Unique performance computing requirements for Artificial Intelligence, Machine Learning, Neural Networks and GPUs





Efficiently leverage your data with the Open Subsurface Data Universe





- Pre-built data integrations
- Get to your data easily
- On Prem or in the cloud
- Filters and APIs
- Fine-grained access to data
- Terms of use



Take the next steps to AI/ML productivity with Red Hat!





Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.

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