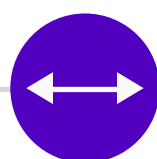ALGORITHMIA

Machine Learning Vendor Guide

A guide to choosing the right vendor for your ML needs

As Machine Learning becomes more of a staple at businesses small and large, companies are looking to invest in solutions that allow them to deploy, scale, and manage their AI portfolios. If you're looking for a vendor to help get your models deployed, these criteria and questions should help crystallize your thinking.

Focus and Breadth

WHERE THE PRODUCT SITS, AND WHO USES IT

Does the vendor:

- Offer a full stack solution from training to deployment?
- Offer a specific solution for part of the stack?
- Specialize in Deep Learning?

- Require technical expertise to interact with their product?
- Offer products for a whole team, or for specific titles and positions?
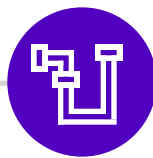
Scale and Hardware

DEALING WITH GROWTH AND COMPUTE

Does the vendor:

- Offer support for both CPUs and GPUs?
- Scale automatically, or require you to make decisions about server provisioning?
- Use containers to deploy Machine Learning workloads?

- Offer advanced compute scheduling?
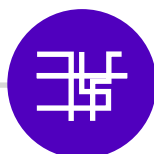- Provide detailed analytics and monitoring for workers?

Versioning, Organization, and Pipelining
TOOLING FOR YOUR ML PORTFOLIO

Does the vendor:

- Catalog and organize all of your Machine Learning models?
- Offer search functionality across your model portfolio?
- Automatically version all of your published models?

- Allow for pipelining multiple models together?
- Automatically generate API endpoints for each of your models and versions?
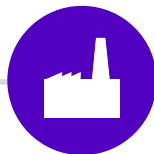- Give global analytics on algorithm usage and performance

Languages and Frameworks
SUPPORT FOR INPUTS AND OUTPUTS

Does the vendor:

- Package models as microservices with API endpoints?
- Support most major programming languages?
- Offer support for popular frameworks like Tensorflow, Keras, and Pytorch?

- Provide advanced documentation and walkthroughs for supported languages and frameworks?
- Integrate with popular data stores like S3?

Enterprise-Grade Feature Set
ADVANCED FEATURES AND SUPPORT

Does the vendor:

- Offer advanced security and auth capabilities?
- Support multiple public clouds?

- Support private deployments?
- Provide support, integration, and training from company engineers?

SCHEDULE A DEMO

Empower your Data Scientists with the platform that lets them focus on what matters: building great models. **Schedule a demo with our sales team** to see what the AI Layer can do to accelerate your Machine Learning roadmap.