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Centralized Management of Critical Analytics in Production at Cloud Scale and Cloud Speed with FastScore

Aligning data science and IT for both journeys of Advanced Analytics and Cloud-centricity while modernizing existing production analytic workflows

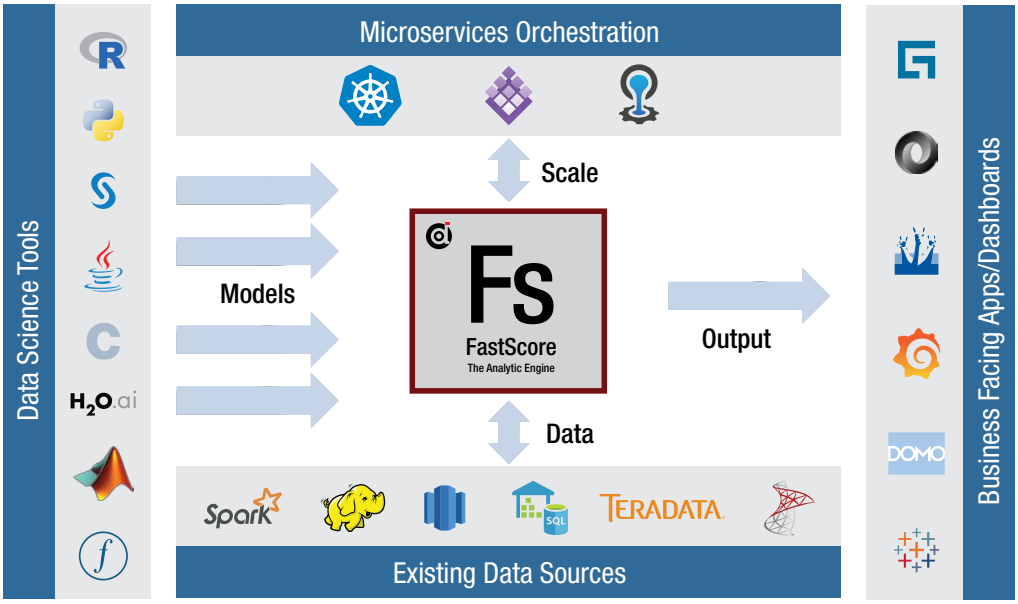
What is FastScore?

FastScore is cloud-ready enterprise software that executes, monitors, and manages new and existing analytics workflows. FastScore is designed to work with all common data science languages and any type of model, while seamlessly connecting to virtually any data source. FastScore can be used in a variety of on-line, batch, and embedded analytic pipeline environments. FastScore enables teams to apply analytics to their analytics, and is scalable with existing public and private cloud computing tools and systems. Analytics that are managed, monitored, and executed with FastScore can be integrated into production workflows via a multitude of convenient integration options. Powering business applications with the output of FastScore enables the enterprise to get dramatically more value from data science and analytic investments. FastScore enables your Analytic Operations Center.

Why does this matter?

Analytics are critical for data-driven decision making. Regardless of where your organization is on the analytic maturity journey, now is the time to ensure your analytic deployment technology stack is future-proofed for growth and anticipates an increased reliance on analytics and data science. Data Science and IT teams are on separate but important technical journeys. Their systems and cultures are disparate, and have not been designed to easily connect. And yet, more than ever before, cooperation between these teams drives top line organizational success. FastScore provides an operational connection, which enables simultaneous journeys from legacy to advanced analytics and cloud-centric systems, providing maximum value to the enterprise.

Architecture graphic



FastScore allows push button deployment and continuous monitoring for analytics. Data Science teams can rapidly iterate on their models without IT implementation delays. Production analytic teams can monitor and tune analytics as they perform. IT leverages the Docker ecosystem to manage deployment of any data science asset.

Supporting All Common Data Science Languages and Model Types:

R python sas THE C PROGRAMMING LANGUAGE Java MATLAB

Features and Benefits

Better, Faster, and More Impactful Decision Making

Business teams see improved time to value for their critical analytics workflows. FastScore enables rapid iteration, deployment and central monitoring of data science assets, allowing the fastest and maximum impact to business outcomes.

Migrate and Modernize Analytic Production Capability

FastScore enables migration of existing systems to a cloud centric microservices architecture while supporting today's complex, heterogeneous analytic workflows. Because FastScore leverages the Docker ecosystem, IT teams can incrementally support new data science projects without large architecture tear outs.

Enable Transition To Continuous On-Line Analytics

FastScore supports the Data Science team's journey to move from batch-based to real-time streaming models. FastScore easily enables continuous monitoring and live tuning of production analytics. With an agnostic, microservices-based scoring engine, IT implementation barriers are removed, freeing data scientists to incrementally transition from batch to continuous on-line analytic systems and processes.

Rapid Iteration Done Right

Data Science teams should have push button deployment capability. FastScore gives them that. IT systems should be isolated from data science exploration. FastScore enables that. But no enterprise should be locked into a monolithic end to end platform. Been there, done that. Modern systems must be connected and capable, but no system should require end-to-end lock in. FastScore's microservices architecture and infrastructure- and language-agnostic design lets you deploy only the components you need and integrates seamlessly with your existing infrastructure.

The Math is the Asset

FastScore creates simple, repeatable interfaces for connectivity to data science, data engineering and business application tools. Using a few very simple but important abstractions, the enterprise gains complete control of the data science model in production: Turning the MATH into the corporate asset.

Analytic Operations Center

FastScore powers the Analytic Operations Center for the enterprise's deployed analytics, enabling quick and easy methods to monitor, measure, iterate and manage your production analytics at scale.

Installation and Configuration Information:

FastScore can run on premise, in your private or public cloud, or a hybrid
FastScore operates via REST, command line or web-based dashboard interface
FastScore requires Docker to be installed

On Premise Installation Requirements:

Software	
Linux	Any modern Linux (e.g. Ubuntu 14.04, CentOS/RHEL 7+, …) with Docker installed
Windows	Please contact sales for information
MacOS	Please contact sales for information
Hardware	
2CPU cores	
8GB memory	
32GB storage	

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