



Simplify deployment and scale analytics with Red Hat and SAS

The combined value of 2 market-leading solutions

This joint offering from Red Hat and SAS brings together 2 solutions that are both considered leaders in their respective technology spaces.

Red Hat OpenShift is named a Leader in the Gartner® Magic Quadrant™ for Container Management.¹

SAS Viya is named a Leader in the Gartner® Magic Quadrant™ for Data Science and Machine Learning.²

Enhance operational efficiency with cloud-native data analytics

In today's information age, organizations are inundated with swaths of data and are on the lookout for ways to extract value from that data. Bringing data and artificial intelligence (AI) into their operations provides an opportunity to gain valuable insights that help improve operations and streamline processes.

Finding a data analytics solution that can work efficiently and effectively with modern IT architecture—most notably the ability to operate in hybrid and multicloud environments—is essential for the cloud-native IT strategies commonly used today.

SAS Viya provides this flexibility as a fully containerized data and AI platform based on cloud-native architecture. SAS Viya covers the entire data and AI lifecycle from development to deployment. With intuitive visual interfaces that enhance and encourage collaboration and AI-driven automation, organizations can generate outcomes from their data in a single, unified platform.

Due to its scale, SAS Viya requires Kubernetes as an underlying runtime environment. To meet this need and provide a flexible and reliable foundation for data analytics, Red Hat and SAS collaborated to fully integrate SAS Viya with Red Hat® OpenShift®.

Bring scalability and portability to data analytics

As a Kubernetes application platform that supports all environments, including hybrid and multicloud environments, Red Hat OpenShift allows organizations to build, deploy, run, manage, and scale applications anywhere. This includes managing SAS Viya deployments across their entire enterprise and operating landscape with simplified and streamlined deployment and scaling of analytics and AI-powered applications.

Using this joint solution to deploy and manage data and AI applications provides organizations with a number of key operational improvements, including:

- ▶ **Increased scalability.** Modernizing data operations and infrastructure with SAS Viya on Red Hat OpenShift helps improve scalability by allowing for the use of modern containerized workloads to deploy, manage, and scale applications.
- ▶ **Improved management consistency.** Using a container management platform that works consistently in all environments—and provides automated updates for SAS Viya and Red Hat OpenShift—organizations can enforce operational consistency across all applications, no matter where they deploy.

"Combining the flexibility and scalability of the SAS Viya data and AI platform with the portability of Red Hat OpenShift moves digital transformation from drawing board to finishing the last mile."

— Jim Goodnight

Co-Founder & Chief Executive Officer, SAS Institute

"Using SAS Viya on Red Hat OpenShift enables organizations to modernize their data analytics in a more scalable and streamlined manner across hybrid cloud environments, all on the trusted foundation of the industry's leading hybrid cloud application platform powered by Kubernetes."

— Stefanie Chiras

Senior Vice President, Partner Ecosystem Success, Red Hat

- ▶ **Increased reliability.** Red Hat OpenShift provides a reliable foundation with high availability to keep critical applications running at all times, including numerous features that support disaster recovery and business continuity.
- ▶ **AI optimization.** This joint solution provides an AI-optimized foundation for application development and deployment, through a combination of the SAS Viya suite of AI tools and models, Red Hat's partner ecosystem (many of whom develop supporting tools for AI application development), and the option to include Red Hat OpenShift AI, an AI-optimized add-on for Red Hat OpenShift.

Accelerate time to insights with SAS Viya and Red Hat OpenShift

SAS Viya on Red Hat OpenShift delivers a number of important operational improvements, but it is the ability to provide streamlined time to value (or more specifically in this case, streamlined time to insights) that is the key benefit for organizations.

This is achieved through 3 main factors:

- ▶ **Accelerated application and model deployment.** Using this joint solution to blend DataOps, ModelOps, and DevOps, while also using automated workflows to streamline processes, helps organizations streamline the analytics lifecycle and allows for timely iteration that accelerates application and model deployment.
- ▶ **Streamlined application and model management.** With a centralized platform to manage all analytics and AI workloads through, organizations can reduce management complexity, improve operational efficiency, and streamline access to their data and analytical insights.
- ▶ **Complete workload portability.** The ability to deploy and manage applications in any environment, with Red Hat OpenShift, allows organizations to create analytics applications with their preferred interface or programming language and deploy them across whichever environments bring their processing closer to their data.

Start modernizing and scaling your data analytics

[Contact Red Hat to learn more](#) about modernizing and streamlining deployment and scaling of analytics and AI applications with SAS Viya on Red Hat OpenShift.



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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