



Exploring SAS Visual Analytics on SAS Viya

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What Is Visual Analytics?

SAS Visual Analytics is a web-based product that leverages SAS high-performance analytics technologies to empower organizations to explore huge volumes of data very quickly to identify patterns, trends, and opportunities for further analysis.

SAS Visual Analytics: Features

SAS Visual Analytics enables users to perform the following tasks:

- apply the power of SAS analytics to massive amounts of data
- visually explore data, based on a variety of measures
- quickly create reports or dashboards using standard tables, graphs, and gauges
- share insights with anyone, anywhere, via the web or a mobile device
- quickly create powerful statistical models*
- work with factorization machines, forests, gradient boosting, neural networks, and support vector machines**

Cloud Analytic Services (CAS)

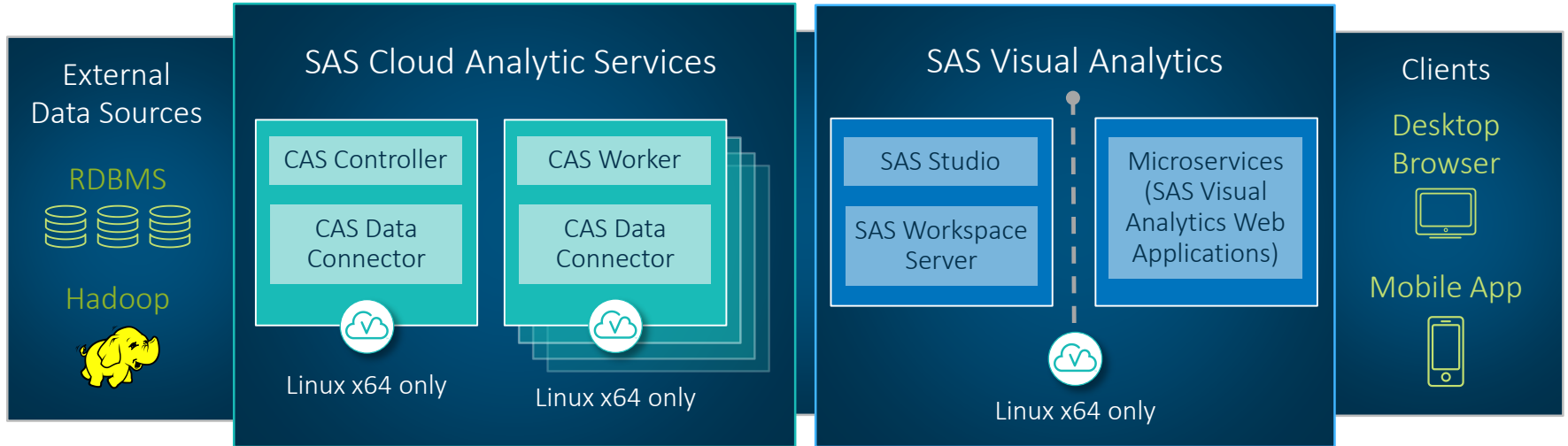


Cloud Analytic Services (CAS) is the server that provides the run-time environment for data management and analytics with SAS Viya.

CAS uses a high-performance, in-memory engine along with a distributed architecture to execute multi-threaded analytic code, rapidly processing requests against data of any size. CAS provides the following features:

- fast
- resilient
- scalable
- node-to-node communication
- worker node fault tolerance

SAS Viya Architecture



SAS Visual Analytics Components

