



REVOLUTION ANALYTICS

Cloudera and Revolution Analytics Deliver R-Powered Big Data Big Analytics

REVOLUTION ANALYTICS

INDUSTRY

Predictive Analytics

WEBSITE

www.revolutionanalytics.com

COMPANY OVERVIEW

Revolution Analytics empowers new generation enterprises to scale their analytics, discover new, company-boosting insights and future-proof their Big Data analytics architecture by turbo-charging R in the fastest, smartest, easiest and most portable Big Data Big Analytics platform. The company's services and training offerings help organizations evolve to R and quickly realize value from it.

PRODUCT OVERVIEW

The Revolution R Enterprise Big Data Big Analytics platform has at its core a faster, hardened distribution of Open Source R, which is supplemented by Revolution Analytics-developed technology that enterprises need for faster performance, massive scalability, integration with data management systems and legacy applications and easy deployment to many people.

SOLUTION HIGHLIGHTS

- > R-powered analytics that scale within Cloudera Hadoop
- > Move analytics to all your data
- > Integrate with BI, rules engines, and transaction systems
- > Manage the Revolution R Enterprise work and Hadoop resources directly through Cloudera Manager

Better Insights, Faster

The Revolution Analytics and Cloudera® partnership combines the power of R and Apache Hadoop™ for organizations ready to break the status quo and shatter the performance, scalability, and deployment limits that have encumbered their ability to use Hadoop for advanced predictive analytics projects. Now they can apply turbo-charged R to all the data in Hadoop to discover deeper insights, grow more quickly, and operate more efficiently. Ask bigger questions. Ask new questions. Get better, faster results and share them.

Why Use Revolution Analytics and Cloudera?

Revolution Analytics delivers R-powered advanced predictive analytics to Cloudera so that the most advanced statistical methods can be applied to all your data. Organizations can deploy any R script within Cloudera without the need to write their own MapReduce and without data movement. They can:

- > Develop better models using all the data, providing superior results
- > Reduce the cycle time for model development, deployment, and execution
- > Manage Revolution R Enterprise work and supporting compute resources directly through Cloudera Manager

Revolution R Enterprise

Revolution R Enterprise is the key to unlocking the value from data in Cloudera by simplifying development and deployment of predictive analytics. Revolution R Enterprise Big Data Big Analytics platform is commercial software that combines a performance-enhanced version of the R scripting language interpreter with a comprehensive platform for running R at scale in distributed systems. Revolution R Enterprise also contains graphical development tools, data connectivity tools built for Big Data, and deployment tools that integrate R scripts as components of larger business application infrastructures such as Business Intelligence tools, rules engines, and transaction systems.

Revolution R Enterprise breaks through memory barriers, enabling R to run multi-threaded, multi-core, and multi-server, and on data that far exceeds the physical memory of the machines hosting it.

Revolution R Enterprise is a complete, unified Big Data Big Analytics Platform. The highlighted capabilities below are all included in Revolution R Enterprise, which is supported on Cloudera CDH3 or above.

> Revolution R Enterprise ScaleR

Revolution R Enterprise ScaleR capabilities make it easy to build and deploy R-powered models for Big Data. It includes a wide library of algorithms that are engineered for distributed, parallelized computing and capabilities that allow any R script to run in parallel in Hadoop or other environments.

Benefits of Cloudera Enterprise

Stores and Analyzes Any Type of Data

- > Store and analyze huge volumes of structured and unstructured data that were previously impossible or impractical
- > No need to define a data model during ingest
- > Supports multiple, flexible schemas

Massively Scalable

- > Brings compute to the data, so no need for expensive data movement prior to analysis
- > Scales linearly on industry standard x86 hardware

Industry-Leading Management and Support

- > Centralized, end-to-end management through Cloudera Manager, supporting deployment, configuration, monitoring, and issue resolution
- > Makes handling even the largest enterprise clusters simple and efficient
- > World-wide, dedicated team of Hadoop experts and project committers working for you

Benefits of Your Product

Superior Analytics

- > Iterate models quicker
- > Use R's 5,000+ innovative packages
- > More precise, granular results
- > Deploy everywhere

High Performance at Scale

- > In-Hadoop processing eliminates data movement
- > Performance that's 5-50x faster than open source R and legacy analytics vendors
- > Scalable to the size of the Cloudera environment

Training and Services to Get Started

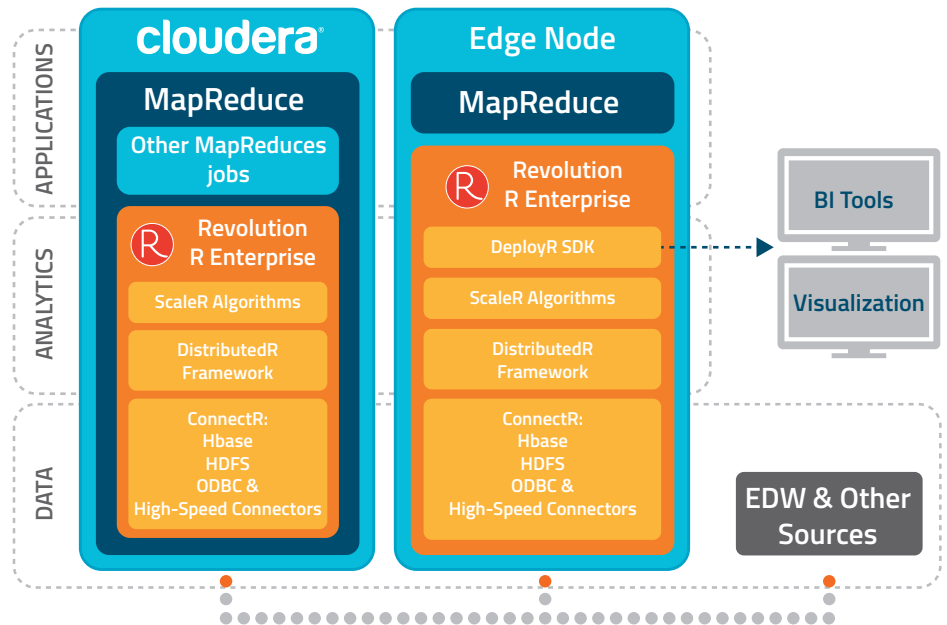
- > Quickstart for Hadoop program combines training, services and software to jump-start time to value.
- > AcademyR is the industry's hub for R learning

> Revolution R Enterprise DeployR

Integration with Business Intelligence tools, rules engines or transaction systems multiplies the impact of the analytics produced in the Revolution Analytics and Cloudera environment. Revolution R Enterprise's DeployR is a RESTful API that simplifies the integration process.

> Revolution R Enterprise ConnectR

Revolution R Enterprise supports connectivity to HDFS, HBASE and HIVE within the Cloudera environment to make it easy to directly access data through a native interface.



About Cloudera

Cloudera, the standard for Apache Hadoop in the enterprise, empowers data-driven enterprises to Ask Bigger Questions™ and get bigger answers from all their data at the speed of thought. Cloudera Enterprise, the platform for Big Data, now with Cloudera Enterprise Real Time Query powered by Impala, enables organizations to easily derive business value from structured and unstructured data to achieve a significant competitive advantage. Reinventing the economics and performance of Big Data management, Cloudera is the category leader in Apache Hadoop-based software, services and training. CDH (Cloudera's Distribution Including Apache Hadoop), is the most comprehensive, tested, stable and widely deployed distribution of Hadoop in commercial and non-commercial environments. For the fastest path to reliably using this completely open source technology in production for Big Data analytics and answering previously un-addressable big questions, organizations can subscribe to Cloudera Enterprise, comprised of Cloudera Manager software and Cloudera Support.

About Revolution Analytics

Revolution Analytics is the leading commercial provider of software and services based on the open source R project for statistical computing. The company brings high performance, productivity, and enterprise readiness to R, the most powerful statistics language in the world. Revolution Analytics is committed to fostering the continuous growth of the R community, the use of R in academia and the ability for enterprises to evolve to R.