

REAL-TIME BUSINESS INTELLIGENCE FOR YOUR MODERN DATA WAREHOUSE

Tableau & Cloudera

Industry

Business Intelligence

Website

www.tableau.com

Company Overview

Tableau Software helps people see and understand data. Used by more than 78,000 customer accounts worldwide, Tableau's award-winning software delivers fast analytics and rapid-fire business intelligence. You get answers from data quickly, with no programming required.

Product Overview

Tableau makes it easy to answer questions about your data visually, in minutes. Connect to any data and drag and drop to analyze. Create interactive visualizations and dashboards—all without any programming. Then share with a few clicks. Literally, anyone can learn Tableau.

Overview

Cloudera's modern data platform has forever changed the way we deal with data. Its ability to support parallel processing across disparate and massive data volumes means information that traditionally was beyond an organization's ability to even attempt to store, let alone analyze, can now be a vital source of insight. From unstructured log files to never-ending clickstream records, Cloudera makes leveraging this data a reality in a scalable and economic way. However, being able to store and access big data is only part of the problem. You still need to make sense of it. Cloudera and Tableau help you see and understand your data. Connect in seconds and analyze in minutes. This joint solution allows you to discover real insights that would traditionally take days to discover. Cloudera provides a scalable and fault-tolerant platform to store, explore, process, analyze, and serve massive volumes of data. Tableau makes it easy to perform sophisticated visual analysis directly on data in your Cloudera clusters - without needing to know code or query languages - while simultaneously allowing more advanced users to leverage Cloudera's advanced capabilities. Information from Cloudera is visually displayed in Tableau as a series of fields that users can drag and drop to visualize the data relevant to the analysis.

Extend Data Access

Tableau doesn't only simplify the Hadoop technology; it also extends its capability by connecting directly to Apache Hive or Apache Impala (incubating) and utilizing custom HiveQL expressions. This means that Tableau can handle Hive columns containing XML data by allowing you to write HiveQL to un-nest XML elements. These capabilities significantly extend the real-world usability of Hadoop. With Impala, the industry's first real-time query framework for Hadoop, users can experience interactive analytics directly on the massive volumes and variety of data stored in Hadoop. Additionally, with Cloudera's ODBC driver, connecting Tableau to Hadoop is as easy as connecting to any other data source. This unlocks the power of data stored in Hadoop for anyone who wants to drive insight and innovation.



Cloudera Data Warehouse Solution Highlights

- End-to-End platform covering the complete data lifecycle
- Enterprise-grade features for scalability, security and governance
- Intuitive business ready tools with powerful functions
- Agile, schema-less data and pipeline modeling
- Interactive interface with visual data profiling for iterative preparation
- Visual data exploration over any attribute, value or metric

Enterprise-Grade Security

Ensuring fine-grained security while still enabling data exploration in Cloudera is made possible through Tableau's ability to support unified authorization through Apache Sentry. This means role-based access control is maintained for end users connecting to Cloudera with Tableau without additional authentication burdens placed on IT.

Increase Speed and Performance

In order to get the benefit of ad hoc visualization at interactive speeds, you need to be able to move fast. When you work with Cloudera in Tableau, you have the choice of either extracting subsets of data into Tableau's fast in-memory engine, or leveraging the power of the modern Data Warehouse to connect live to your Cloudera cluster for real-time analytics directly against the full data set.

Finding answers and making decisions with big data is challenging, but by combining the leading big data capabilities of Cloudera with Tableau's ease of use, any organization can apply an enormous amount of leverage to their big data.



About Cloudera

At Cloudera, we believe that data can make what is impossible today, possible tomorrow. We empower people to transform complex data into clear and actionable insights. We are the leading platform provider for machine learning, analytics and data management built for the cloud. The world's largest enterprises trust Cloudera to help solve their most challenging business problems.

[Learn more at cloudera.com](http://www.cloudera.com)

About Tableau

Tableau (NYSE: DATA) helps people see and understand data. Tableau helps anyone quickly analyze, visualize, and share information. More than 78,000 customer accounts get rapid results with Tableau in the office and on the go. And hundreds of thousands of people use Tableau Public to share data in their blogs and websites. See how Tableau can help you by downloading the free trial at www.tableau.com/trial.