

Goldstone Analytics Bulletin



THE IMPACT OF BIG DATA ON BANKING AND FINANCIAL SYSTEMS

Today, most banking, financial services, and insurance (BFSI) organizations are working hard to adopt a fully data-driven approach to grow their businesses and enhance the services they provide to customers. Like most other industries, analytics will be a critical game changer for those in the financial sector.

Though many BFSI (Banking, Financial services and Insurance) organizations are beginning to disrupt their analytics landscapes by gathering immense volumes of data assets, these companies are at varying levels of Big Data maturity. In many cases, these initial data projects lead business stakeholders to a very simple question: **"How can this data help us solve our business problems?"**

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Tableau 10.4

"Get Tableau 10.4 beta to better collaborate on trusted data"

In this release, Tableau is getting the right data in front of the right people, across the enterprise. Data source certifications help organizations promote the best sources for teams to use. They work seamlessly with our expanded recommendations for data sources, which leverage machine learning to suggest optimal data sources for your specific analysis.

When it's time to share, with the ability to downgrade and publish workbooks, your collaborators will be sure to get insights they need—even if your organization is running an older version of Tableau Server.

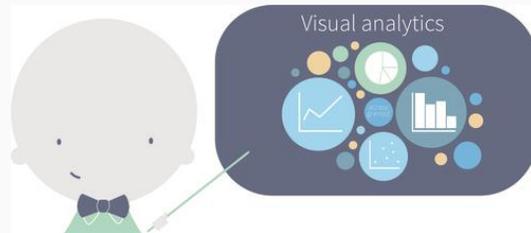
Get everyone speaking the same language. Viz snapshots and commenting engage the experts around you in conversation threads that root your business decisions in the facts.

And for more powerful visualizations, Tableau have added linear geometry spatial file support and enhanced the built-in controls for dashboard spacing.



IT management and governance

Make the most of your data environment with data source certification, accessibility improvements and more.



Effortless visual analytics

Visual analytics capabilities that make answering questions addictive with Linear geometry shape files, Matlabs and Mapping updates.



Take collaboration one step further

Making data-driven decisions is easier with commenting and improved web authoring.



Smart access to your data

Get the right data for your analysis, with smart recommendations and connector improvements.

[Read More](#)

“Our ability to do great things with data will make a real difference in every aspect of our lives.”

Jennifer Pahlka,
Founder and Executive Director for Code for America

Tableau Solution Architecture

Netflix is the world’s leading internet television network with over 100 million members in over 190 countries enjoying more than 125 million hours of TV shows and movies per day, including original series, documentaries and feature films.

Domain: Media and Entertainment

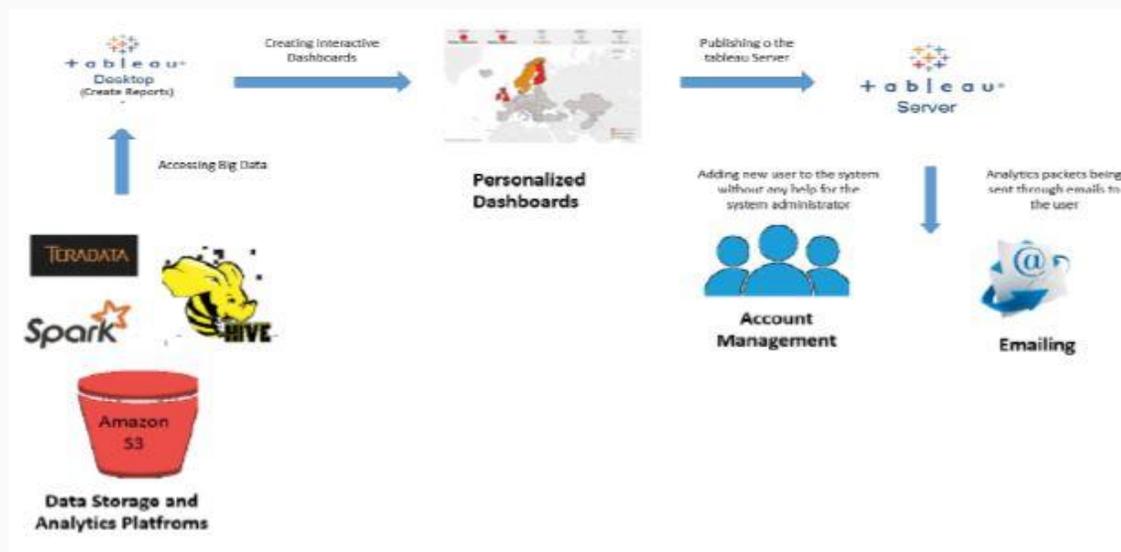
Current Data Landscape: Source Database: Amazon S3, Amazon Redshift, Teradata, Druid

Current Reporting Database: Tableau

Problem Statement (Using traditional methods):

- *Connecting or accessing to Big Data*
- *Adding new users to server and, pushing analytic packets through email to them.*
- *Build interactive visualizations.*

Tableau Solution Model:



Tableau's Approach For Solving Company's Problem Statement:

Tableau's ability to connect multiple servers and, it's seamless way of adding new users to it without the involvement of an administrator has resolved the problem of fetching data from various databases. Also, the ability of tableau to create personalize dashboards and, sending the analytics packets over emails are the grounds of Netflix for Tableau adoption.

With Tableau Implemented Solution Business Analyst team able to:

- *Effective analytics on top of enormous data sets.*
- *Serve large groups of people with governed data.*
- *Personalization for greater benefit.*

[Watch Video](#)



Industry watch!

"How SAP Hana is Driving Big Data Startups"

"SAP Hana is not a replacement of Hadoop. SAP Hana and Hadoop are both valuable platform that can (and should) complement each other."

The first version of SAP Hana was released in 2010, before Hadoop and other big data extraction tools were introduced. While it is an older tool, SAP Hana is still extremely versatile. Many new big data startups are very dependent on it.

For several years, SAP has been positioning Hana as a cutting-edge solution for big data analytics firms. CTO researcher and writer Dan Woods wrote that SAP Hana provides several advantages that Hadoop and other open-source tools can't address on their own. The biggest limitation is that open-source batch-oriented processing solutions such as Hadoop can't easily process data in real-time.

Woods doesn't argue that SAP Hana is a replacement for Hadoop. They are both valuable platforms that can complement each other.

Apache has been trying to develop a new version of Hadoop that can process real-time data on its own. However, it is unlikely that Hadoop will ever be a real-time data analytics tool. This means that Hadoop must be used in conjunction other solutions that can handle real-time data.

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