TIBCO®

Build Machine Learning Workflows to Support Your End-To-End Analytics Lifecycle

Use TIBCO Data Science and Amazon Web Services (AWS)
to help your organization simplify data science

Predictive modeling, deep insights, and visualization

Everyone in your organization—from data scientists, business users, and developers—can help make business-transforming analytical decisions using machine learning. TIBCO Data Science on Amazon Web Services (AWS) is an end-to-end analytics platform that threads artificial intelligence and machine learning capabilities in to processes, and enables organizations to turn predictive insights into business outcomes.

- Bring machine learning, data, processes, and people together to create operational solutions for the business.

- Build your data science workflow — data preparation, model build, deployment, real-time scoring, and monitoring — with a visual drag-and-drop user interface and embedded Python notebooks.

- Connect to data sources such as Apache Hadoop, Apache Spark, Hive, and relational databases.

- Extend analytic workflows by integrating open source R, Jupyter Notebooks, Python, and Scala.

Collaborate using a unified platform

- Allow more people in your organization to collaborate on projects and create models to produce deeper insights.

- Share and annotate data, models, and workflows.

TIBCO differentiators

- Embed Python notebooks directly within visual workflows to enable collaboration between developers, data scientists, and citizen data scientists

- Automate data preparation and machine learning workflows to run at scale within Apache Spark, Apache Hadoop, and relational databases

- Create reusable machine learning templates that can be easily shared, deployed, monitored, and controlled in production

- Create secure, auditable, and governed pipelines with built-in version control and audit logs

- Build models and pipelines that can be quickly deployed to production environments
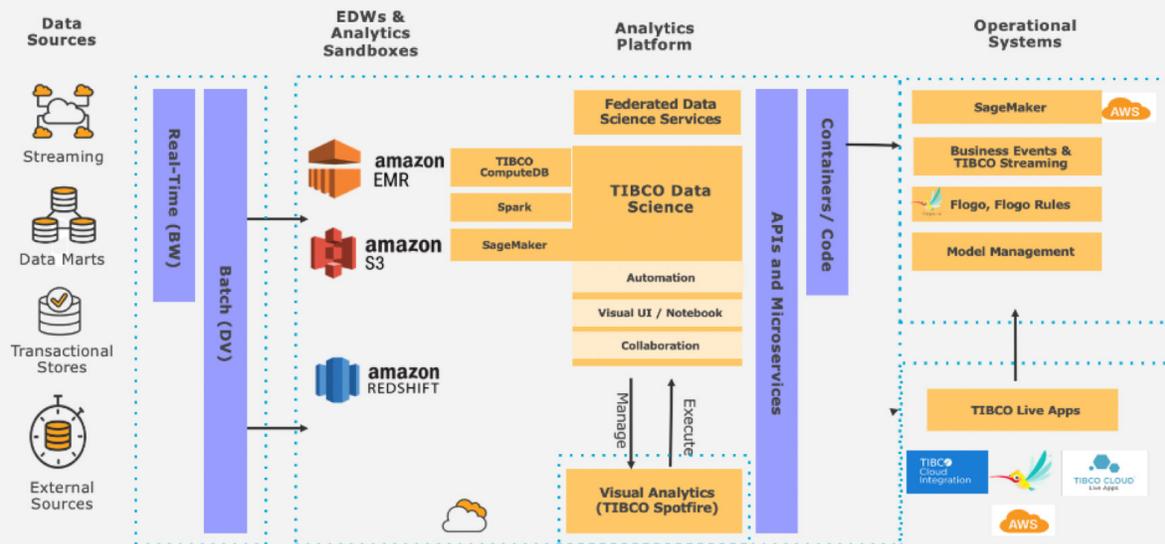
Simplify data science

- Create reusable machine learning templates that can be easily shared, deployed, monitored, and controlled in production.

- Automate data preparation and predictive analytic workflows to run and scale directly within a cluster.

- Build machine learning workflows with a minimal amount of code.

- Combine and analyze disparate data sets.

- Innovate using data insights.

- Prototype new techniques with Python, R, Spark, and built-in analytics that provide flexibility and fast exploration of models.

- Create models with deep learning, predictive, prescriptive, AI, and analytical techniques that can be quickly deployed to production environments.

Accelerate data science with TIBCO and AWS

- Build models on Amazon EMR and Amazon Redshift.

- Use machine learning techniques and innovations from Amazon SageMaker.

- Shift the burden of high availability and performance from infrastructure to the application.

TIBCO Analytics on AWS

Simplify big data analytics

Use a simplified, end-to-end analytics platform to deploy your machine learning models for use across the organization. TIBCO Data Science and AWS helps you innovate and solve complex problems faster to ensure predictive findings quickly turn into optimal outcomes.

Learn more about **TIBCO Data Science and AWS >**

About TIBCO

TIBCO fuels digital business by enabling better decisions and faster, smarter actions. TIBCO helps customers around the globe build compelling experiences, energize operations, and propel innovation.