

DataRobot and Tableau Software

Enabling AI-Driven Analytics

Imagine the enterprise of the future. A rich layer of artificial intelligence (AI) continuously automates processes, optimizes decisions, and extracts insights from an ever-increasing mountain of data. From reducing costs to finding new revenue opportunities to identifying threats, intelligence is embedded in every aspect of the organization, driving unprecedented success.

As an analytics professional, you collect and analyze data from a range of sources to make strategic business decisions. You rely on Tableau® Software and its powerful and easy-to-understand visualizations to drive insights from this data to answer your most complex questions. With massive amounts of new and emerging data types, gathering and analyzing all of this data to make critical business decisions is complex and time-consuming, forcing you to wait for over-extended IT staff and data scientists (if you even have any on hand).

Just as Tableau puts the power of business intelligence into the hands of more users, the DataRobot automated machine learning platform optimizes and accelerates the capability to deliver machine learning models. Incorporating the experience and expertise of some of the world's top data scientists, the DataRobot platform enables analytics professionals to build and deploy highly accurate predictive models quickly and easily while providing guardrails that ensure no important steps are missed. With DataRobot's unprecedented levels of transparency that explains why a model works, you can deliver proactive insights with confidence to management.

DataRobot and Tableau

There are two ways that Tableau users can drive business impact with DataRobot. The DataRobot Insights extension and the DataRobot automated machine learning platform both deliver predictive models that help power interactive, intelligent dashboards in Tableau.

Explore Data



Find insights
with DataRobot Extensions

Solve Problems



Get deeper analysis and
predictions with DataRobot

DataRobot Insights Extension

With the DataRobot Insights extension, you can connect directly to DataRobot to reveal valuable hidden patterns and rapidly highlight the most relevant variables to further analyze. By simply connecting to the DataRobot platform and allowing the system to automatically analyze your data, you can be more productive in delivering impactful insights with Tableau.



Working with DataRobot and Tableau:

- Explore data and find deeper insights from inside your Tableau software with the DataRobot Insights extension.
- Solve complex problems by getting deeper analysis and predictions with the DataRobot automated machine learning platform

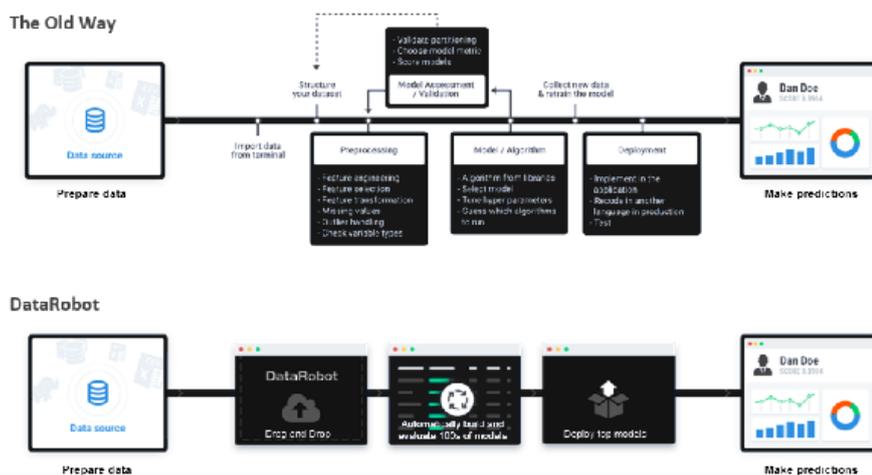


DataRobot What-If Extension

With the DataRobot What-If extension, Tableau analysts can experiment, simulate and compare different scenarios using governed DataRobot models to identify the best strategy or test ideas before committing resources. Now you can easily use AI to efficiently focus on the right data to analyze, get predictive insights with explanations in your dashboards, and run simulations to get actionable prescriptive guidance on what to do next.

Solve Problems with DataRobot and Tableau

With the DataRobot automated machine learning platform, business users easily consume deep AI-driven analytics in the visually rich Tableau environment. DataRobot allows analytics professionals to evaluate, understand, and explain the “why” and “what-if” for each predictive model decision. DataRobot’s simple UI, built-in guardrails, and ever-expanding library of cutting-edge algorithms – all powered by a massively scalable platform – ensure that Tableau users can make accurate predictions in a fraction of the time required by traditional modeling methods.



With DataRobot, you go from data to decision in five easy steps.

- Ingest your prepared data.
- Select your prediction variable
- DataRobot builds and tests hundreds of models to find the best fit
- Deploy the model the top model in your application
- Make better decisions with predictive models

DataRobot enables you to make critical business decisions based on forward-looking predictive insights rather than on past trends or simple guesswork. From automated model creation and testing to model management, deployment, and performance monitoring, DataRobot is a best-in-class, proven automated machine learning platform you can trust. With built-in best practices, guardrails, and blueprints designed by world-leading data scientists, DataRobot supports governed automated machine learning for use by citizen data scientists and collaboration across the entire enterprise, easily complementing your existing Tableau environment.

Who Uses DataRobot?

No matter your industry, automated machine learning delivers a competitive advantage. DataRobot is transforming businesses across industries, including:

- Insurance
- Banking
- Fintech
- Public sector
- Healthcare
- Marketing
- Sports analytics
- Hospitality and travel
- Manufacturing
- Energy
- Retail

DataRobot

DataRobot offers an enterprise machine learning platform that empowers users of all skill levels to develop and deploy machine learning and AI faster. Incorporating a library of hundreds of the most powerful open source machine learning algorithms, the DataRobot platform automates, trains, and evaluates models in parallel, delivering AI applications at scale. DataRobot provides the fastest path to AI success for organizations of all sizes. For more information, visit: www.datarobot.com

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