

Put the Power of Machine Learning into the Hands of More Users

The solution to making data analytics scalable and accessible across the organization.

The Business Problem

The creation of machine learning models that rely on traditional modeling methods typically require teams of data scientists, resources with domain knowledge, and months of time. The backlog of data science work is far too vast, and with a global shortage of available data scientists, the opportunity to become an AI-driven enterprise is out of reach for many organizations. To meet the growing demand of making accurate data accessible for predictive business decisions, there is a sense of urgency to enable business analysts, software engineers, and data engineers to build machine learning models - enabling people with different skill sets and roles to work together on a single platform.

The Joint Solution

Users can curate data and build powerful, enterprise-grade, and highly accurate machine learning models more quickly than ever with the combination of the DataRobot automated machine learning platform and Looker. Working together to improve efficiencies, organizations see dramatic increases in the efficiency of their modeling workflows.



Empower Business Users

Employees on the front lines understand the nuances of today's business challenges and are best positioned to identify opportunities to utilize machine learning. Looker accelerates the data science stack by removing the struggle to prepare data and freeing up time for business users to use their unique skill set to perform higher-value tasks. Looker enables you

DataRobot and Looker provide a complementary approach to data science by simplifying, modeling, and automating user workflows for big data analytics and machine learning.

to send your prepped dataset to DataRobot, where you can then build and deploy AI applications quickly. The results from DataRobot are surfaced to Looker for visual consumption across the organization.



Increase Data Scientist Efficiency

Both DataRobot and Looker automate many of the repetitive tasks that take up so much of a data scientist's time. Looker's modeling layer allows you to reuse trusted business logic to prep data for machine learning and AI consumption, avoiding cumbersome query writing and manual data preparation. Then, with DataRobot, you can quickly build, train, and deploy hundreds of models using the latest machine learning algorithms. Freed from the drudgery of machine learning plumbing, you can focus on more complex and strategic projects.



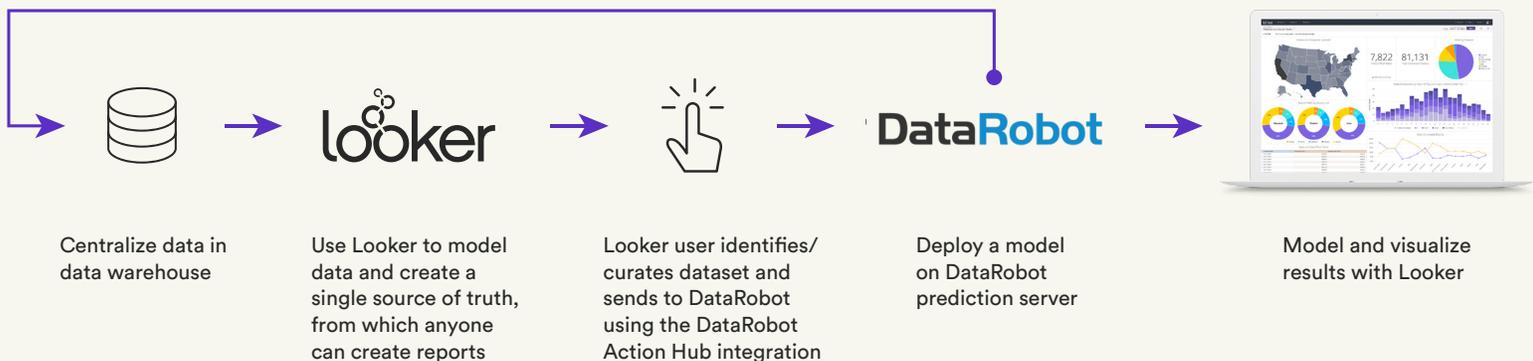
Deliver Accurate Results

Looker delivers reliable, governed data, at scale, for you to input into your models and then present the insights in understandable and actionable dashboards and reports, leveraging data directly from your data warehouse. The prepared data can then be surfaced to DataRobot to leverage repeatable, automated machine learning recipes called Model Blueprints. With built-in interpretability, DataRobot enables you to deliver highly-accurate machine learning models that are explainable to management.

How It Works

Data Robot and Looker Machine Learning Workflow

Pipe prediction results from DataRobot into the database connected to Looker





About 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

About Looker

Looker brings data-driven decision making to every level of the enterprise. Providing a modern data platform that adds value and creates a single source of truth. From Amazon to Sony, more than 1,400 industry leaders use Looker to help every team access the data they need to make informed decisions, from anywhere.

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