



• WHAT IS DataRobot?

DataRobot is a machine learning platform for automating, assuring, and accelerating predictive analytics, helping data scientists and analysts build and deploy accurate predictive models in a fraction of the time required by other solutions. “DataRobot makes it easy to use and optimize the most valuable open source modeling techniques from R, Python, Spark, H2O, VW, XGBoost and more.

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“With our team of just three data scientists we’ve built and deployed hundreds of high quality models for our diverse portfolio of healthcare clients. DataRobot is a multiplier to our productivity and the overall quality of our contribution to the industry at large.”

Director of Analytics, CRM Healthcare Company

For seasoned data scientists, DataRobot provides a growing library of the latest algorithms and pre-built prototypes for feature extraction and data preparation. It also provides automated ensembling, allowing them to easily select and combine multiple algorithms to rapidly produce more accurate predictive models.

For new data scientists, DataRobot assures best data science practices by automating the selection of the best features, algorithms, and parameter values for building each model, and so eliminating the need for trial-and-error guesswork.

For business data analysts, DataRobot enables and guides a rapid transition from reporting to prediction, empowering them to perform modeling tasks that previously always required highly skilled data scientists and statisticians.

And for the business, DataRobot reduces the risk, cost, and time to value in the adoption and expansion of predictive analytics for faster, better decisions. It does this by making machine learning simpler and faster, and by optimizing scarce and costly data science skills.

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“DataRobot turns my three data scientists into a team of twenty data scientists.”

Cofounder, Fraud Detection Services Company

DataRobot was developed by some of the world’s best data scientists, multi-time winners in Kaggle competitions, the Super Bowl of machine learning. As highly experienced practitioners of predictive analytics in leading enterprises in various industries, DataRobot is the realization of their vision for making data science more automated and less risky.

The company is capitalized and staffed for leadership, growth, and, most importantly, for customer success. Across a growing assortment of industries and applications, DataRobot customers report dramatic improvements in data scientist productivity, prediction accuracy, and backlog reduction.

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“We tested this head-to-head with SAP InfiniteInsight and DataRobot built 60 models to SAP’s 1, and the models were more accurate with only 5% of the data sample, versus 75% needed for SAP.”

Founder/CEO, Analytics and IT Services Firm

- The DataRobot platform boasts an attractive, intuitive user interface for data scientists and business analysts.

- Drag, drop, profile, and analyze prepared data.
- Study and train automatically selected algorithms.
- Tune, optimize and combine algorithms (if needed).
- Produce, validate and operationalize predictive models.

- DataRobot supports collaboration and transparency across the analytics team and beyond.

- Sharable machine learning project folders capture all tasks.
- All team members can review and contribute to shared projects.
- Use existing projects to train new people and jump-start new projects.
- Create a permanent record of project tasks and activities.

- DataRobot can produce almost instant ROI in analytical productivity.

- Spend less time profiling and selecting training data.
- Use less training data without sacrificing model accuracy.
- Build more models with fewer data analysts or scientists.
- Build more accurate models in less time, with less tuning.
- Simplify operationalizing optimized predictive models.

- DataRobot takes the risk out of production predictive analytics.

- Eliminates common rookie errors by new data scientists.
- Capture and report metadata, algorithms and parameters.
- Preserve and protect project knowledge when staff changes.
- Eliminates guesswork for choosing algorithms and parameters.

Companies of all sizes are discovering the powerful business benefits predictive analytics can bring, but they are also discovering that data science talent is hard to find, costly to acquire, and challenging to retain. They have dug deep data lakes and filled them with promising data that grows old before it can provide any insights.

DataRobot breaks the data science backlog by enabling available data scientists and analysts to work faster and smarter, from input data profiling to model development to operational application deployment. It accelerates processing, eliminates tedious time-consuming tasks, and lets everybody focus on solving business, not data science problems.

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*“We have been looking for something like this for over 2 years.
This will make my job so much easier.”*

Chief Data Scientist, Leading Disk Drive Manufacturer

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to get started with DataRobot.

DataRobot | Better Predictions. Faster.

