

The power of prediction

DataRobot allows research groups to do more with their data in shorter time.

Between budget cuts and hiring freezes, Federal research groups are under more pressure than ever to discover more with less. Scientific research groups within the government have tremendous amounts of data, but not enough workforce to use this data to its full potential. DataRobot allows you to [do more with your data](#) in shorter timeframes, enabling you to take full advantage of the fruits of your research.



Foster Cross-Team Collaboration

Collaborate across mission teams to build and test custom algorithms and workflows.



Communicate Outcomes with Clarity

Real-time visualizations demonstrate meaningful outcomes to leadership and key stakeholders, even showing different results as variables change.



Keep Your Program On Time and Under Budget

DataRobot's tools allow for faster insights, meaning you can solve more problems in less time, leveraging fewer resources



Make Better Use of Your Existing Resources

Support your data scientists – expand their capabilities without hiring additional contractors or staff.

Improving missions outcome with DataRobot

DataRobot distills the knowledge of the world's top data scientists into its automated machine learning software platform, empowering users of all skill levels to make predictions with greater accuracy, in a fraction of the time traditionally needed. Whether your agency has a team of data scientists or just a few analysts, DataRobot can help your data-driven programs tackle more challenges and deliver greater impact.

End-to-end data science

By automating the machine learning process from data to deployment, DataRobot allows you to deploy and scale your organization's data science efforts quickly. DataRobot builds on algorithms from R, Python, H2O, Apache Spark and XGBoost and leverages open source data processing, storage, and resource management frameworks such as Apache Hadoop.

DataRobot automated...

DataRobot reads and profiles data from a wide variety of sources, automatically correcting issues along the way.

Learning

DataRobot learns from your data using different techniques, validates what it learns with experimental data, and displays the results so you can choose the best predictive model for your data.

Data preparation

DataRobot uses information about your data and your business problem to select precisely the right mix of machine learning algorithms to test.

Feature Engineering

DataRobot automatically preprocesses data for best results with the technique to be tested.

Deployment

DataRobot offers a real-time prediction engine and a batch prediction engine for Hadoop. Prediction engines run independently of the learning engine, with self-service API's, so your data scientists can continue working on current projects as new predictions are needed.

DataRobot can support you today!

We can leverage your datasets to run a comprehensive proof of concept and provide you with the tools you need, starting day one. Contact us today to discuss your specific requirements or request a demo. To see a video of DataRobot in action, visit www.datarobot.com