**Why Do You Need Automated Machine Learning?**

AI is reshaping every industry and organization. As it continues to grow, solutions built on machine learning will become the new norm. To meet the demands of the modern world, you have to experiment fast, collaborate effectively, and accelerate your AI solutions across the entire organization.

**Use Cases**

To learn more about use cases, check [Pathfinder Solutions Accelerators](#).

**B2B Customer Churn Prediction**
Predict the probability of customer churn at the end of a contract.

**Predict Whether a Parts Failure Will Occur**
Using equipment sensor data, train a model to identify signals associated with an impending equipment failure so preventative action can be taken.

**Predict Patient Propensity to Have Certain Diseases**
Supplement the existing medical diagnostic process to identify high-risk patients that may be overlooked.

**Fraudulent Claim Detection**
Predict claims fraud to enable straight-through processing (STP) of payments to auto insurance claims.

**Detect Credit Card Transaction Fraud**
Improve the accuracy of detecting online fraudulent transactions to prevent losses and improve customer experience.

**Patients Readmissions**
Predict which patients are likely to be admitted to proactively improve their health.

**How Can Automated Machine Learning Deliver Value?**

DataRobot’s Automated Machine Learning solution accelerates the productivity of your data science team while increasing your capacity to succeed with AI. Augment your expertise with world-class automation, build and deploy your best-in-class machine learning models, and unlock the value of your AI for your organization.

**What Are the Benefits of DataRobot Automated Machine Learning?**

- Democratized AI
- Unlimited Flexibility for Data Science Experts
- Clear Way to Production
The Power of Augmented Intelligence

Accessible via GUI or API
Platform capabilities can be leveraged via GUI or with code via API. You can also use API to connect via Zepl and bring platform capabilities into the existing workflow.

AI Catalog
AI Catalog is a centralized collaboration hub for working with data and related assets. The AI Catalog allows you to connect, find, share tags and reuse data seamlessly.

Model Creation and Validation
DataRobot builds and ranks dozens of models for every AI use case and provides recommendations on the best ones to deploy based on accuracy and prediction speed. With Composable ML you get full control and flexibility to create your own best-in-class model.

Support for Diverse Data
You can use data from different sources, from traditional tabular data and raw text to visual and geospatial.

Explainability and Bias Testing
You can access valuable insights from SHAP, XEMP values to understand every single prediction you've made. With automatically generated compliance docs, you can accelerate regulatory reviews. Bias Testing will help you indicate bias at an early stage of the modeling process and understand the root cause if it appears.

Feature Discovery
Feature Discovery is automated feature engineering taken to a new level. You can connect multiple datasets, automatically discover connections, and generate hundreds of valuable insights to achieve better accuracy with less time.

Modeling Experiment Options
DataRobot offers a huge variety of options for tackling a variety of data science problems, such as classification, multi-labeling, anomaly detection, clustering, and regression.

Deep Learning
DataRobot's AI Cloud platform provides you with the latest deep learning and neural networks technologies for modeling tabular, text, and image data together using TensorFlow and Keras.

Clear Path to Production with MLOps
Once you've built the model, it is ready for production and can be deployed with a single click to the environment of your choice. With MLOps you can have a single place to manage and monitor any model, regardless of where they were deployed.

Jump-Start Your AI Journey Today
Request a Demo
Start Free Trial

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