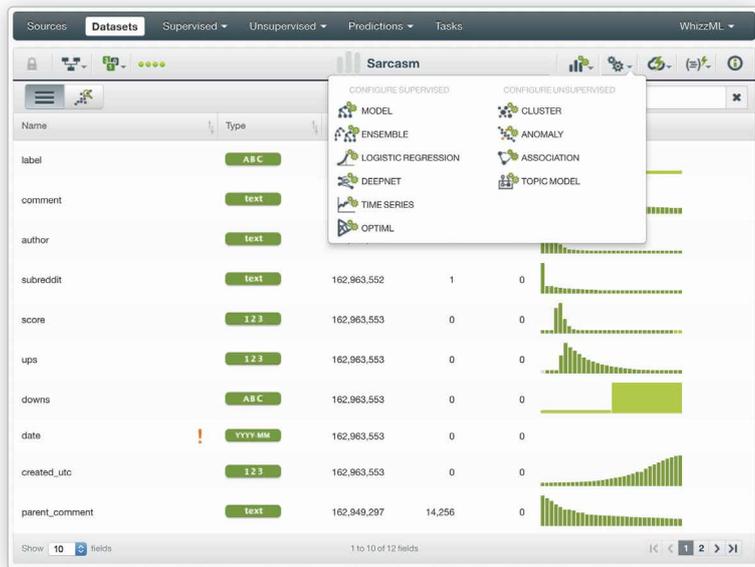




Machine Learning that works

BigML removes the complexities of Machine Learning so you can focus on what matters most, enhancing and automating decision making



Comprehensive Machine Learning Platform

BigML provides a selection of robustly-engineered Machine Learning algorithms proven to solve real world problems by applying a single, standardized framework across your company. Avoid dependencies on many disparate libraries that increase complexity, maintenance costs, and technical debt in your projects. BigML facilitates unlimited predictive applications across industries including, pharmaceutical, aerospace, food, energy, entertainment, IoT, financial services, automotive, healthcare, transportation, telecommunications, and more.

Supervised Learning: classification and regression (trees, ensembles, logistic regressions, deepnets), and time series forecasting.

Unsupervised Learning: cluster analysis, anomaly detection, topic modeling, association discovery, and Principal Component Analysis (PCA).



Immediate Access

Instant Machine Learning at your fingertips **in the cloud** or **on-premises**. Either way, you will be up and running with an easy-to-use web interface and REST API in a matter of seconds. Start your Machine Learning project today by simply signing up with your email — no sales demos, credit cards, or long-term contracts required.

Free Accounts: Latest full-featured version of BigML. **Unlimited** datasets and models. **14-day FREE trial** upon registration. No credit card required.

Prime Accounts: Process **larger datasets** and run **more parallel tasks** prioritized ahead of FREE accounts. Access to **BigML Organizations** (<https://bigml.com/organizations/>), which let you collaborate on projects with team members.

- No credit card required
- Nothing to download, install, or configure
- Fastest time to production-ready models
- FREE** 14-day FREE trial upon registration

The most innovative companies in the world use BigML

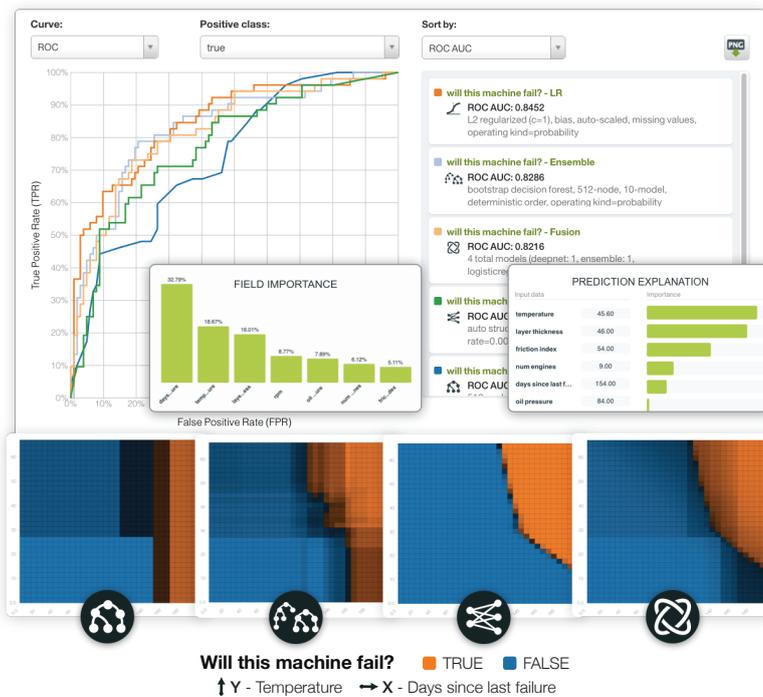
188,000 users in 120 countries have completed more than 45 million Machine Learning tasks





Machine Learning for everyone

BigML facilitates collaboration among subject matter experts, analysts, developers, engineers, scientists, and executives



Interpretable & Exportable Models

All predictive models on BigML come with an **interactive visualization** and **explainability features** that make them **interpretable**. They can be exported and used to serve local, offline predictions on any edge computing device or be instantaneously deployed as part of distributed, real-time production applications.



Interpretable: Visualizations such as **Partial Dependence Plots** effectively generate and display thousands of model predictions at a glance while **Prediction Explanations** and **Field Importances** shed light on factors driving individual predictions.



Exportable: BigML models are fully exportable via **JSON PML** (and **PMML**) and can be used from all popular programming languages. This means you can seamlessly plug your models into your web, mobile or IoT applications or services such as Google Sheets, Amazon Echo, Zapier, and more.



Collaboration

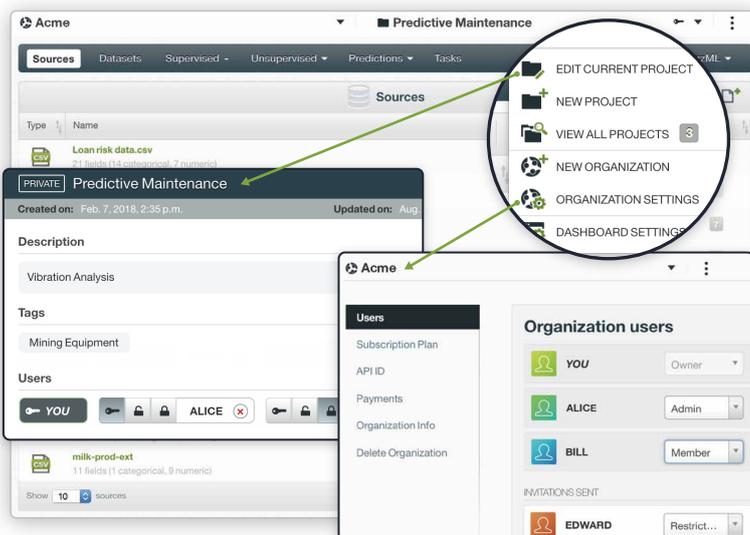
Share your Machine Learning resources using granular team and project management capabilities. BigML is a transparent, collaborative platform for all members of your organization, from analysts and developers, to engineers and executives.



Organizations: Effectively adopt Machine Learning across your entire corporate structure. With BigML organizations, create a shared workspace where users can access the same projects and resources with specific roles and permissions.



Projects: All resources in an organization exist within projects, which can be public or private. Assign user permissions according to the needs of each project, allowing other members to manage, create, or simply view resources.



Need **customized assistance** with your predictive analysis, workflow automation, or application?

Get direct access to experienced BigML personnel who will help design, develop, evaluate, and select the best modeling and predicting strategies to ensure that you get the most out of BigML.

https://bigml.com/pricing#support_assistance



Machine Learning automation done right

BigML helps you find the best model with optimal parameters and transform sophisticated workflows into repeatable, one-click actions or API calls

```
#!/usr/bin/env python
# -*- coding: utf-8 -*-
"""Machine Learning has never been easier"""

from bigml.api import BigML
from bigml.model import Model

API = BigML()

# Create a new source
SOURCE = API.create_source('cardiac_arrest')

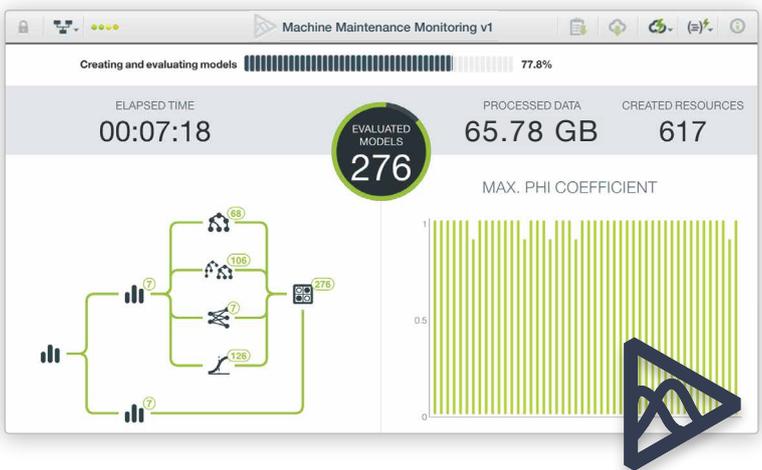
# Create a new dataset
DATASET = API.create_dataset(SOURCE)

# Create a new model
MODEL = API.create_model(DATASET)

PATIENT = {
    "age": 50,
    "bmi": 32,
    "blood pressure": 100}

# Create a remote prediction
PREDICTION = API.create_prediction(PATIENT)
```

```
Source code
1 ;; covariate shift
2 ;;
3 ;; Given two datasets (one used for "training" and another from "production")
4 ;; calculates the phi coefficient between the two datasets
5 ;; to determine the associated covariate shift
6
7 ;; with-origin-field
8 ;;
9 ;; Adds a new field "Origin" to a dataset
10 ;;
11 ;; Inputs:
```



Programmable & Repeatable

As an "API-first" company, BigML brings every new feature first to the **REST API**. Bindings and libraries are available for all popular languages, including Python, Node.js, Ruby, Java, Swift, and more.

Reproducible: BigML's granular record keeping and transparency are crucial to meet **regulatory** and **audit compliance requirements** yet are often completely overlooked in other Machine Learning tools.

Traceable: All resources on BigML are **immutable** and stored with a **unique ID** and the creation parameters, which enables you to **track** any Machine Learning workflow at anytime.

Automation

Rapidly bring your predictive modeling tasks to production through effective automation. BigML turns the difficult, time-consuming work of hand-tuning models or executing complex workflows into one-click menu options or single API calls.

OptiML: Automatic optimization for model selection and parameterization of classification and regression algorithms saves you a lot of time by creating and evaluating hundreds of models to find the best performing ones.

WhizzML: A Domain-specific Language for automating complex workflows, implementing high-level Machine Learning algorithms, and easily sharing them with others.

Scriptify: Convert your workflows into reusable scripts in a single click.



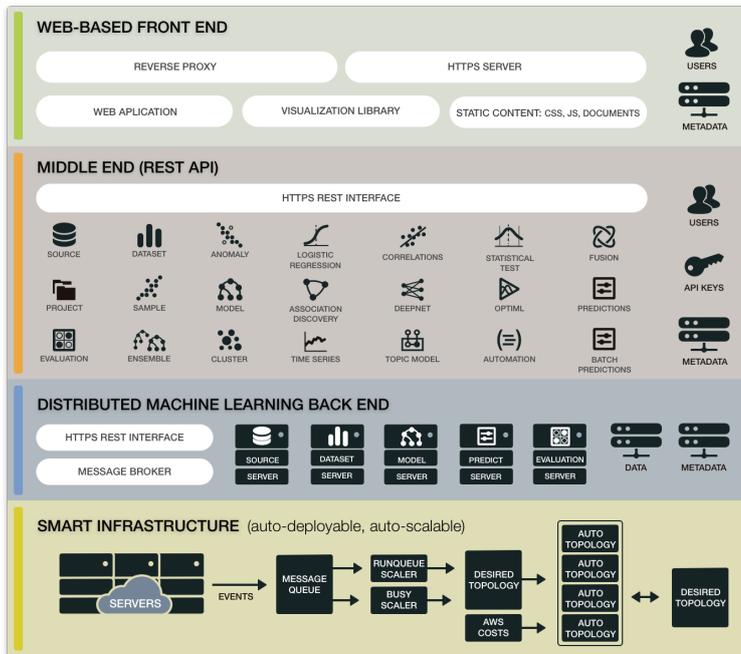
BigML offers **personalized training** tailored to your business needs, delivered by our expert instructions online or on-site.

<https://bigml.com/pricing#training>



Machine Learning made easy

BigML's specialized architecture for Machine Learning abstracts away the underlying infrastructure so you get to focus on real innovation



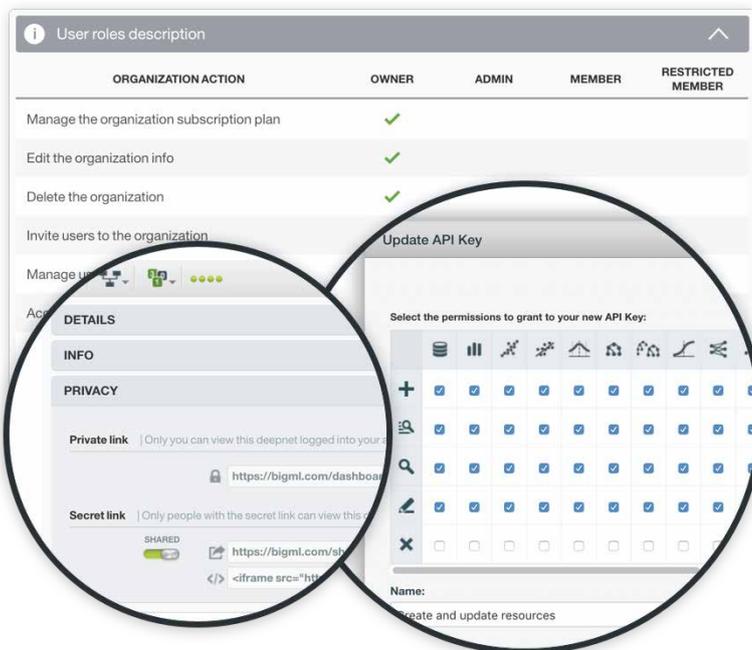
Flexible Deployments

Have tons of data? Need to provide access across your organization? Don't fret, all your bases are covered on BigML with options for **multi-tenant** and **single-tenant versions** on the **cloud** or **on-premises**. BigML can be ported to any cloud provider or to a Virtual Private Cloud, with **fully-managed** and **self-managed** versions.

BigML Lite: Fast track to value for companies ready to implement their first production use cases.

BigML Enterprise: Full-scale access for companies ready to adopt Machine Learning across departments.

Auto-scalable: Adapt your Machine Learning applications to fit your evolving business each step of the way. BigML's smart infrastructure automatically adjusts resources to seamlessly meet computational needs in the most cost effective manner, while abstracting away the infrastructure concerns from end-users.



Security & Privacy

On BigML, every user has a private Dashboard and all resources created on it or via BigML's API are secure and private. All connections to BigML use **HTTPS**, ensuring the security of user data and communications. The BigML Team does not have access to any data in the system unless the user provides explicit consent.

Access privileges: Users can control who can view, edit and share at the resource level. Using organizations, you can assign different roles and permissions to others users at the project level.

Private Deployments: For companies with stringent data regulatory requirements, BigML offers two private deployment options that can run on your preferred cloud provider, ISP, or own infrastructure on commodity servers to meet the needs of your enterprise systems.



Integrate BigML's Machine Learning platform with your enterprise systems.

<https://bigml.com/private-deployments>