

Alteryx Promote

Transforming Your Business with an End-to-End Data Science System

With *Alteryx Promote*, you can:

- Empower data science and analytics teams to easily deploy predictive models into production
- Evaluate and test models to ensure they deliver the most impact to your business
- Quickly understand the effectiveness of your production models

The ever-increasing reliance on data and predictive analytics presents data science and analytic teams with significant opportunities and challenges. On one hand, your team is in high demand and your business is making better, data-driven decisions that are boosting revenues and profits. On the other hand, that demand results in slower deployment of predictive models into critical production systems. In some cases, models never get deployed at all. While building predictive models is hard work, deploying them shouldn't be. You need to find a way to quickly and easily embed analytic models into your daily business operations and customer-facing applications to take full advantage of the benefits of analytics.

Alteryx Promote makes developing, deploying, and managing predictive models and real-time decision APIs easier and faster. As an end-to-end data science model production system, *Alteryx Promote* allows data scientists and analytics teams to build, manage, and deploy predictive models to production faster—and more reliably—without writing any custom deployment code.

Easily Deploy Predictive Models into Production Systems

One of the most difficult and tedious activities data scientists and analysts face is deploying and embedding analytic models into production systems. Often what works standalone fails instantly when embedded into a front-end business application, and hours can be wasted rewriting and recoding.

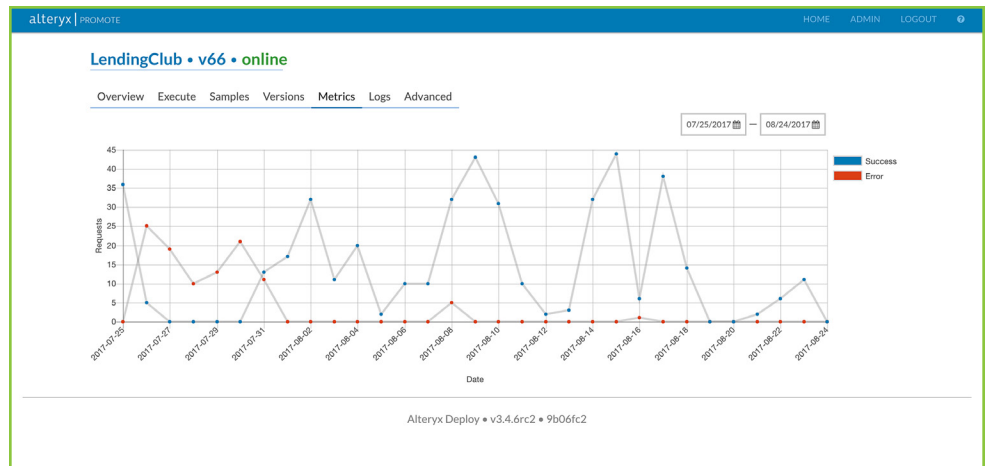
With *Alteryx Promote*, you can deploy your predictive analytic models quickly—without recoding or tweaking. Because *Alteryx Promote* lets you deploy directly from the Alteryx Designer code-free environment or expose R and Python models via standard REST API requests, instead of recoding the models from within their native languages, integration of your most advanced analytic models into production systems is simple—and painless. That means you can embed machine-learning models in any web or mobile application capable of making REST API requests, increasing the power of your production apps. What's more, you can execute real-time predictions in low-latency applications or use batch mode for bulk offline scoring.

About Alteryx

Alteryx is a leader in self-service data analytics. *Alteryx Analytics* provides analysts with the unique ability to easily find, prep, blend and analyze all of their data using a repeatable workflow, then deploy and share analytics at scale for deeper insights in hours, not weeks. Analysts love the *Alteryx Analytics* platform because they can connect to and cleanse data from data warehouses, cloud applications, spreadsheets and other sources, easily join this data together, then perform analytics—predictive, statistical and spatial—using the same intuitive user interface, without writing any code. Visit www.alteryx.com or call 1-888-836-4274.

alteryx

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Alteryx Promote allows you to deploy a model into production and monitor its effectiveness

Ensure Models Deliver the Most Impact

In large organizations, managing and tracking analytics projects can be complicated and confusing. With data scientists resident in each line of business, duplication of effort is common. What's more, an already-overwhelmed IT department must often get involved to manage the overlap and integration issues that arise.

Alteryx Promote lets you deploy, store, and manage analytic models in a centralized deployment system, so you can ensure that your models can be integrated into external applications and make the biggest impact on your business. You can share models directly from within the platform, eliminating redundant effort and amplifying the benefits of advanced analytics across your organization. And because you can deploy and update predictive models without IT involvement, you know that your production systems always take advantage of the latest analytic workflow.

Understand the Effectiveness of Your Models

Once analytic models are deployed in their production systems, most organizations have no way of measuring the true effectiveness of the models. Does a model need to be refined or retrained? Could a particular model be improved with a simple change? Would another model bring greater results?

Alteryx Promote helps you monitor the performance and health of your production models to ensure optimal effectiveness. Using *Alteryx Promote*, you can look at traffic and summary statistics to pinpoint and resolve errors, quickly and accurately. What's more, you can track and compare models, inputs, and predictions over time for easy auditability. And to truly understand the impact of your models on your business, *Alteryx Promote* lets you monitor everything in real time, in a single, centralized view.

Alteryx Promote System Requirements

Alteryx Promote runs on a minimum of 3 dedicated machines, each of which requires the following:

- Linux CentOS/RHEL 7
- > 16GB RAM
- > 4 Cores (12 total)
- > 100 GB free disk space

Desktop System Requirements

Supported web browsers:

- Apple® Safari®
- Google Chrome™
- Mozilla® Firefox®
- Microsoft® Edge