DataRobot + Alteryx

The ever-increasing reliance on data and predictive modeling presents business analysts and citizen data scientists with significant opportunities and challenges. One of the most difficult and tedious tasks these users face is preparing data for analysis, which can take up to 80% of the time of an analytics project. Manual methods of data prep can waste weeks or even months, and users may not have the skills to build machine learning models in order to derive impactful predictive insights after preparing the data.
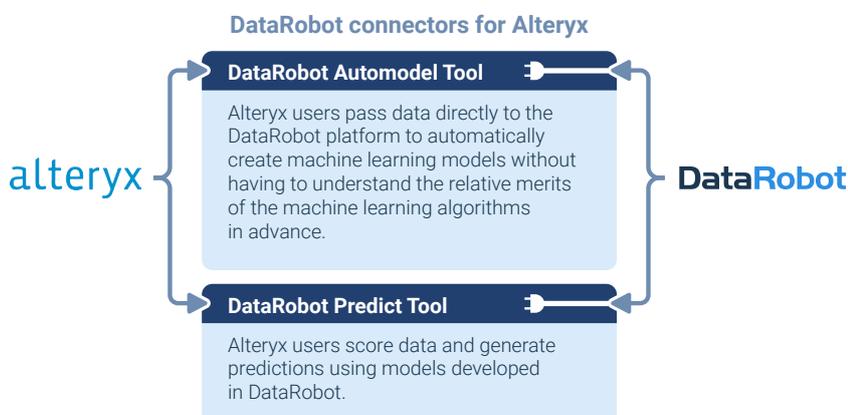
With DataRobot, Alteryx users with no data science or programming background can quickly and easily build highly accurate predictive models using automated machine learning. The result: an easier, faster, and more accurate enterprise-grade predictive analytics experience for business users.

Together, Alteryx and DataRobot deliver an integrated technological solution that unifies the previously fragmented and complex user experience of preparing data, building machine learning models, and ultimately deploying those models for deeper data-driven insights.

Alteryx offers self-service data prep, blending, and analytics using an intuitive, drag-and-drop workflow. Additionally, Alteryx allows users to ingest data from a variety of sources and in different formats. DataRobot automates and accelerates the building and deployment of highly accurate machine learning models. By using both Alteryx and DataRobot, generating predictions and scheduling workflows can be made routine — resulting in a faster, simpler, more accurate predictive analytics solution for business analysts and citizen data scientists alike.

DataRobot Connectors for Alteryx

The DataRobot Connectors for Alteryx allow an Alteryx Designer user to add DataRobot to their workflow, enabling them to move between the two platforms seamlessly. There are two powerful DataRobot Connectors in the Alteryx Analytics Gallery:

DataRobot connectors for Alteryx

DataRobot Automodel Tool

Alteryx users pass data directly to the DataRobot platform to automatically create machine learning models without having to understand the relative merits of the machine learning algorithms in advance.

DataRobot Predict Tool

Alteryx users score data and generate predictions using models developed in DataRobot.

With Alteryx and DataRobot, you can:

- Simplify and automate the end-to-end analytics workflow, from data prep to machine learning, for faster, more accurate insights.

- Easily build, tune, and deploy machine learning models with no programming required.

- Get faster time-to-value from your investments in machine learning and self-service analytics.
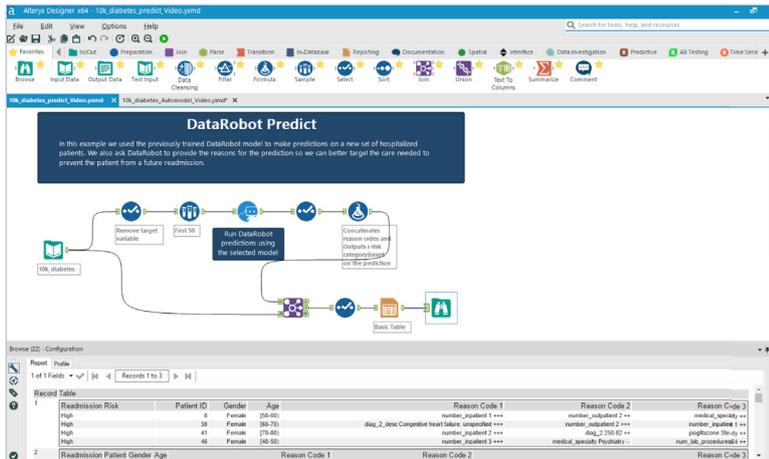
Alteryx and DataRobot empower users with:

- SPEED: Move from raw data to insight in hours, not months. Get to predictive insights in less time and make an immediate impact in your organization.

- ACCURACY: Combine multiple sources of data into one dataset, make the best predictions, and build the most accurate machine learning models from that dataset.

- DEMOCRATIZATION: Empower business analysts and citizen data scientists to rapidly deliver robust datasets and predictive insights with no coding required.

- DEPLOYMENT: Enable business users and citizen data scientists to deploy machine learning models into production with ease.
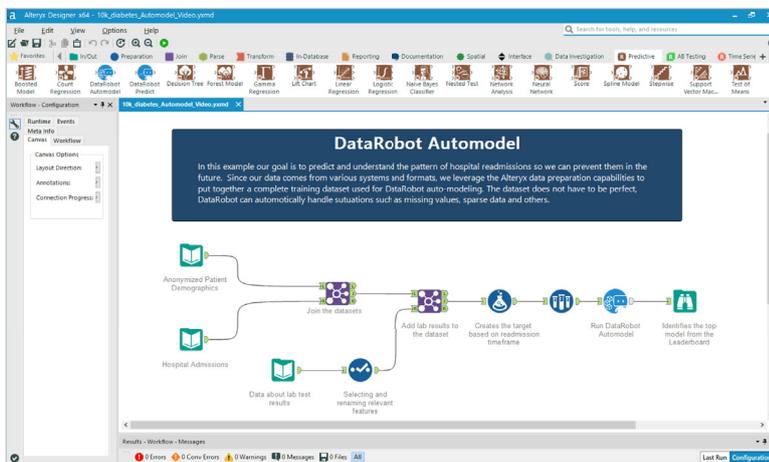
Automating the Predictive Analytics Workflow with Alteryx and DataRobot

Together, Alteryx and DataRobot deliver the power of self-service analytics and automated machine learning to organizations of all sizes. This integration empowers organizations with a complete advanced analytics solution that enables them to make better predictions faster and get more value out of their data. Business analysts and citizen data scientists can install the DataRobot Connectors for Alteryx from the Alteryx Analytics Gallery.

DataRobot Predict Tool for Alteryx Designer

DataRobot Automodel Tool for Alteryx Designer

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.

DataRobot

DataRobot helps enterprises embrace artificial intelligence (AI). Invented by DataRobot, automated machine learning enables organizations to build predictive models that unlock value in data, making machine learning accessible to business analysts and allowing data scientists to accomplish more faster. With DataRobot, organizations become AI-driven and are enabled to automate processes, optimize outcomes, and extract deeper insights.

Learn more at **www.datarobot.com/alteryx**

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