# Prolifics®
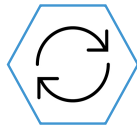
# DATA SCIENCE IN A BOX

GAIN ACCESS TO ROBUST ANALYTICS CAPABILITIES POWERED BY MACHINE LEARNING

## ACCESSIBILITY
Get started with little to no data science experience

## SPEED
Automatically train and test models far faster than a data scientist working manually

## TRANSPARENCY
Gain full visibility into the inner workings of machine learning

## EFFICIENCY
Deploy models to production in minutes with no re-coding required

## Conquer Data Science Conundrums

With business demand for machine learning rapidly rising, it isn't enough for data scientists to build solutions by hand. To recognize the full potential of artificial intelligence and machine learning, organizations need to utilize tools and services that help accelerate adoption beyond manual solution design.

Prolifics leverages leading market offerings to kickstart your machine learning journey. Our Data Science in a Box solution is a fully managed, turnkey offering that combines:

- ► The robust data preparation capabilities of **Talend Data Fabric**.
- ► **Snowflake**, a data warehouse solution built to support cloud-based data and analytics needs.
- ► **DataRobot**, one of the world's most advanced enterprise machine learning platforms.
- ► Integration with **Collibra**, which helps provide comprehensive data lineage, data quality metrics, and data remediation capabilities.
- ► Prolifics' end-to-end **information management and analytics managed services**: we supply the experts, reducing your reliance on IT and data scientists.
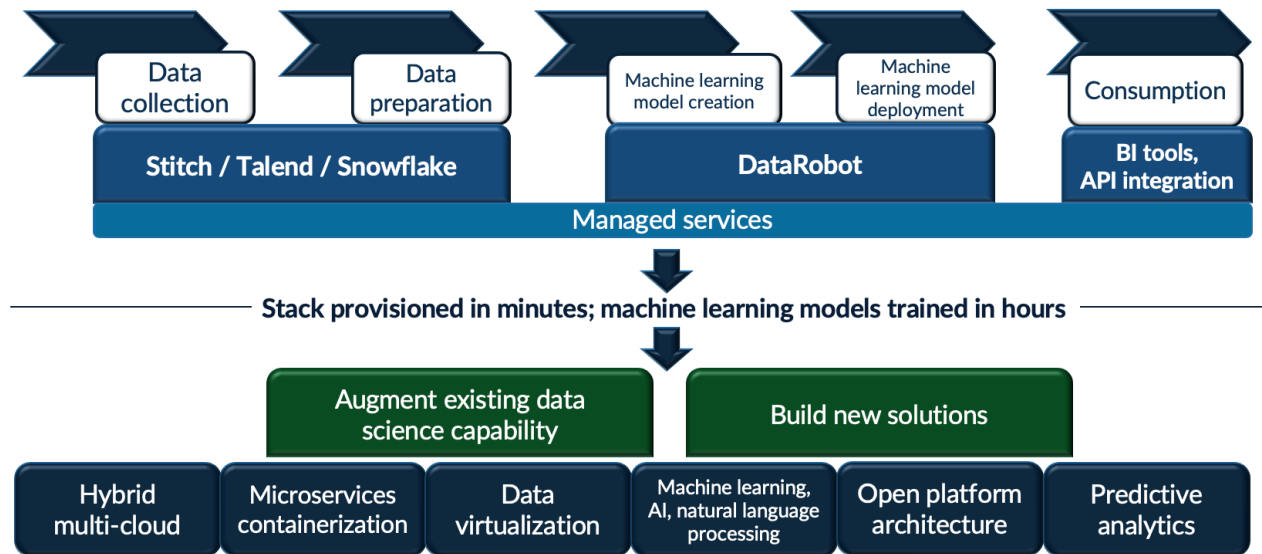
Data Science in a Box creates clean, structured, governed, and available gathered from all of the sources across your business's platforms. Using this data, Talend Data Fabric, DataRobot, and Prolifics work together to perform machine learning-powered advanced and predictive analytics, drastically cutting the time and costs involved with the analytical process.

### *Data Science in a Box Sample Use Cases*

- ► *Customer acquisition and prospecting*
- ► *Purchasing propensity/next best offer*
- ► *Churn/attrition*
- ► *Credit risk*
- ► *Inventory management*
- ► *Fraud detection and mitigation*
- ► *Maintenance*
- ► *And much more!*

What puts Prolifics' Data Science in a Box solution ahead of the pack?

- ► **Accessibility.** Little to no data science experience is required to get started.
- ► **Speed.** Train and test hundreds of models in a fraction of the time it takes the average data scientist to create one model.
- ► **Transparency.** Machine learning is not a black box; DataRobot enables users to see everything that is going on under the hood.
- ► **Accuracy.** DataRobot has consistently delivered top results in international data science competitions across a variety of data sets.
- ► **Mass model generation.** The speed of model creation turns your data scientist into a mass-producing model factory.
- ► **Model deployment.** No re-coding is required; deploy models to production in a matter of minutes.

*Prolifics' Data Science in a Box delivers the full data lifecycle for machine learning.*

## The Prolifics Advantage

Not sure how Data Science in a Box can benefit your enterprise? Our business value assessment demonstrates how solution implementation can enhance your analytical capabilities. Prolifics' experts help identify potential business use cases, identify the value of each use case, and create an executive consolidated view of value across all lines of business.

Once the top use cases have been identified, we provision and configure the Talend Data Fabric and DataRobot environments. Our experts identify and profile required data sources, develop ETL jobs, create machine learning models, and deploy the solution into your business.

We utilize the Snowflake for pay-as-you-go data preparation and storage with seamless scaling. Using Snowflake, our experts centralize data for better decision-making and harness automated scale and speed to handle workloads and traffic spikes, all with simple, cost-effective infrastructure.

Even after implementation, our managed services help keep your analytics running smoothly. We offer performance tuning, capacity planning, and service request management in a global delivery model to best serve you whenever you need assistance.

## Get Started With Data Science in a Box

Are you ready to take advantage of market-leading machine learning to bolster your analytics capabilities? Contact us at **solutions@prolifics.com** to learn more about our Data Science in a Box solution and what it can do for your business.

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