

Domino Data Lab | Enterprise MLOps Platform

Unleash data science at scale: Build, deploy, & monitor models with Domino and Alexander Thamm

From data-driven to model-driven

Domino enables organizations to become model-driven and succeed with data science at scale. In today's world, failing to become model-driven puts organizations at risk of being disrupted or left behind by competitors.

Becoming model-driven requires data science maturity as a discipline—across people, processes, and technology. This starts with a team of sophisticated code-first data scientists who follow best practices with open and flexible technology that meets their needs and IT requirements. The full lifecycle from development to continuous improvement of production models must be seamless, secure, governed, and integrated.

Alexander Thamm & Domino | Accelerating the journey

This powerful partnership ensures data science teams are given a clear, strategic direction in becoming model-driven, with a secure, centralized platform to start their journey. Below will be an overview of the key areas this partnership will support teams in their journey:

- ML and AI Ideation and Development
- ML and AI Preparation; Data Operating Model
- Data Science and MLOps
- ML Value Realization
- ML Change Management

Get more models into production, iterate faster to compound knowledge, and increase business impact with the power of Alexander Thamm and Domino.

Traditional challenges to data science scale

Inflexible Infrastructure

Data scientists require powerful compute, valuable and sensitive data, and the latest open-source tools

- **Result:** Data scientists do DevOps with different tools and bespoke hardware
- **Impact:** Less time for data science, shadow IT with operational and security risks, and slower innovation

Wasted Work

Data scientists work independently with different processes and tools, and struggle to find and build off prior work

- **Result:** Low visibility into past work and in-flight projects
- **Impact:** Redundant and slow work, poor governance, and low auditability and reproducibility

Productionization Pitfalls

Data scientists struggle to consistently track experiments, put them into production, and monitor model quality.

- **Result:** Low standardization for model deployment, monitoring, and retraining
- **Impact:** IT complexity, project delays, and bad business decisions from inaccurate models

The world's most successful enterprises rely on Domino

"Domino is an underpinning to our scaling from 10 to 150 projects."

NAJAT KHAN, Chief Data Science Officer,
Global Head, Strategy & Operations for R&D



"Domino automates decision making with models 800X faster than humans."

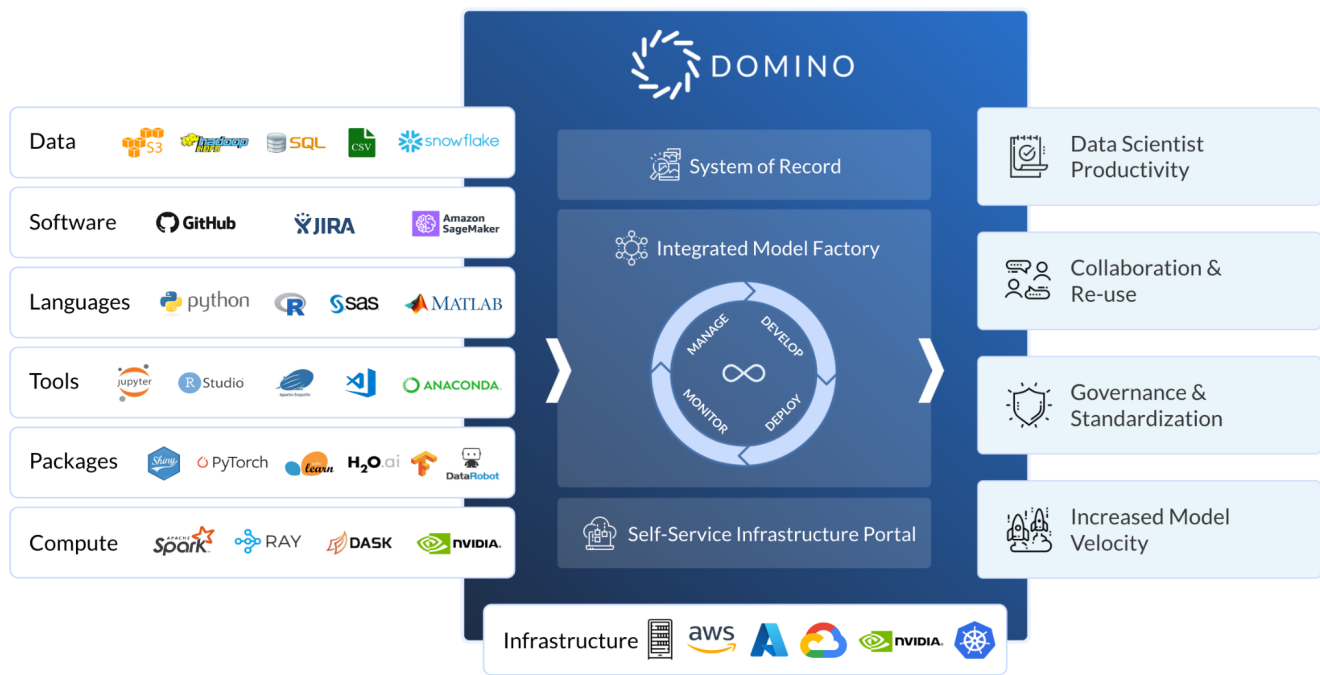
STIG PEDERSEN, Head of Machine Learning



"The Domino platform brings order to the chaos."

MATT SEAMAN, Enterprise Operations Chief
Data & Analytics Officer





Alexander Thamm & Domino | Modern ML

Move more models to production, iterate faster, and collaborate more effectively to embed model-driven applications throughout the enterprise - with consulting expertise from data & AI experts.

Understand the end-to-end model lifecycle via our Data Science Lifecycle Assessment (DSLA)

- Ensure alignment on current process and challenges
- Map the value of Domino to those challenges
- Produce collaborative document to present to wider stakeholders
- Leads into tailored business value workshop to calculate benefits and cost savings

Understand potential ROI of Enterprise MLOps and this service offering from our Business Value Assessment (BVA)

- Receive tangible insight
- Map the value of Domino to those challenges
- Produce a collaborative document to present to wider stakeholders
- Leads into tailored business value workshop to calculate benefits and cost savings

“Domino accelerates our speed to delivery, providing a much faster and better return on our modeling investment.”

Jacob Grotta - General Manager of Banking Operating Unit at Moody's Analytics

Loved by data scientists, trusted by IT

The Domino platform accelerates productivity and collaboration for teams of code-first data scientists with the most open and flexible access to tools, languages, and infrastructure. Alexander Thamm will ensure the “wild west” of data science practices are removed by enabling IT with centralized resource management, security, and governance on the platform.

Built for Teams

- Centralized system of record for data science projects, experiments, and artifacts
- Seamless collaboration across teams while using different tools
- Full visibility to work, results, and insights of past and current projects

Open & Flexible:

- Broad support for the latest open-source and commercial tools, languages, and packages
- Pre-configured environments, including distributed compute and GPUs in a few clicks
- Single platform to consolidate tools, improve governance, and reduce support costs and burden

Integrated Workflows:

- Support for full MLOps lifecycle from data exploration to model monitoring and retraining on a single platform
- Robust security and governance with repeatability and reproducibility across the lifecycle
- Enforcement of data science best practices

Learn More

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Blog: blog.dominodatalab.com

Demo: dominodatalab.com/demo

