

Innovate with the Modern AI Center of Excellence

Build a data-driven, high-velocity AI Hub to uniquely serve and empower every data scientist, innovator, and team

Unleash data science at enterprise scale

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.

Mark III & Domino | Partners in the Journey to the AI CoE

Domino and Mark III's integrated, multi-step framework provides data science, analytics, and innovation executives with a proven approach from industry leaders: Domino's Enterprise MLOps, NVIDIA's purpose-built AI Infrastructure, and Mark III's AI full stack deployment and co-pilot expertise and education offerings. Accelerate your AI CoE journey no matter what part you're on:

- AI Infrastructure, Clusters & Pods
- MLOps Deployment & Co-Pilot Services
- AI Education Series, Hackathons, & Workshops
- HPC/AI Integration Center & AI POC/Pilot Lab

Get more models into production, iterate faster to compound knowledge, and increase business impact.

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



evidation



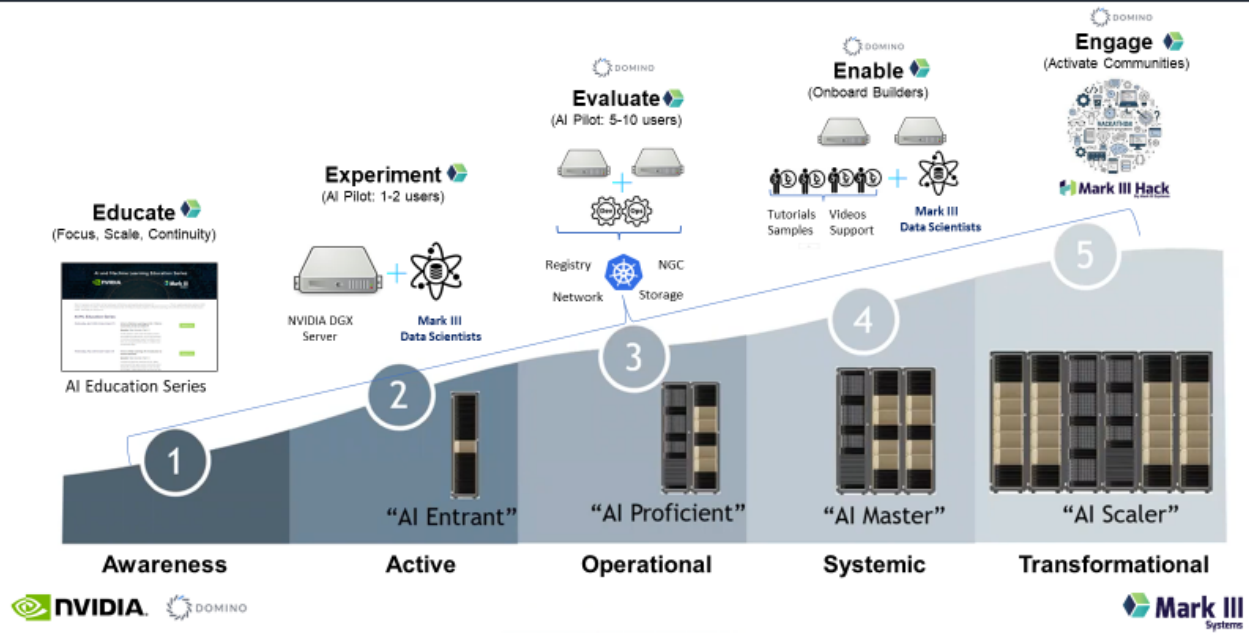
MOODY'S
ANALYTICS



ARTHUR LITTLE



Journey to the AI Center of Excellence The 5 “E’s”



Mark III & Domino | MLOps Meets the AI CoE

Domino's Enterprise MLOps forms the core of the AI Center of Excellence, but there are other key components of an organization's AI CoE strategy that Mark III's unique team of data scientists, devs, DevOps/MLOps engineers, and systems architects can assist with on the journey:

The 5 “E’s” of the Journey to the AI CoE: Educate, Experiment, Evaluate, Enable, and Engage – these are the 5 milestones on the path to the AI CoE, anchored by Domino, Mark III, and NVIDIA

AI Education Series: Live, practical AI education comprised of virtual short tutorials and concise Jupyter Notebook labs for your global teams designed to get them up and going quickly

Compute & Networking Infrastructure: NVIDIA A100 and H100 GPU-based systems and high-throughput networking designed specifically for the AI CoE of today and tomorrow.

Storage & Data Infrastructure: Flexible and fast storage platforms and capabilities designed natively to solve the unique data challenges of AI/ML, anchored by key partners like NetApp

Container Orchestration Foundation: Domino's Enterprise MLOps deploys and runs on top of a solid Kubernetes foundation. Mark III can partner with your organization to deploy and co-pilot this container orchestration layer to ensure success.

Hackathons & Workshops: AI hackathons spur ideas and innovation and workshops deep dive on practical education.

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

Website: dominodatalab.com, markiiisys.com

Blog: blog.dominodatalab.com

Demo: dominodatalab.com/demo