



Domino for Statistical Computing Environment (SCE)



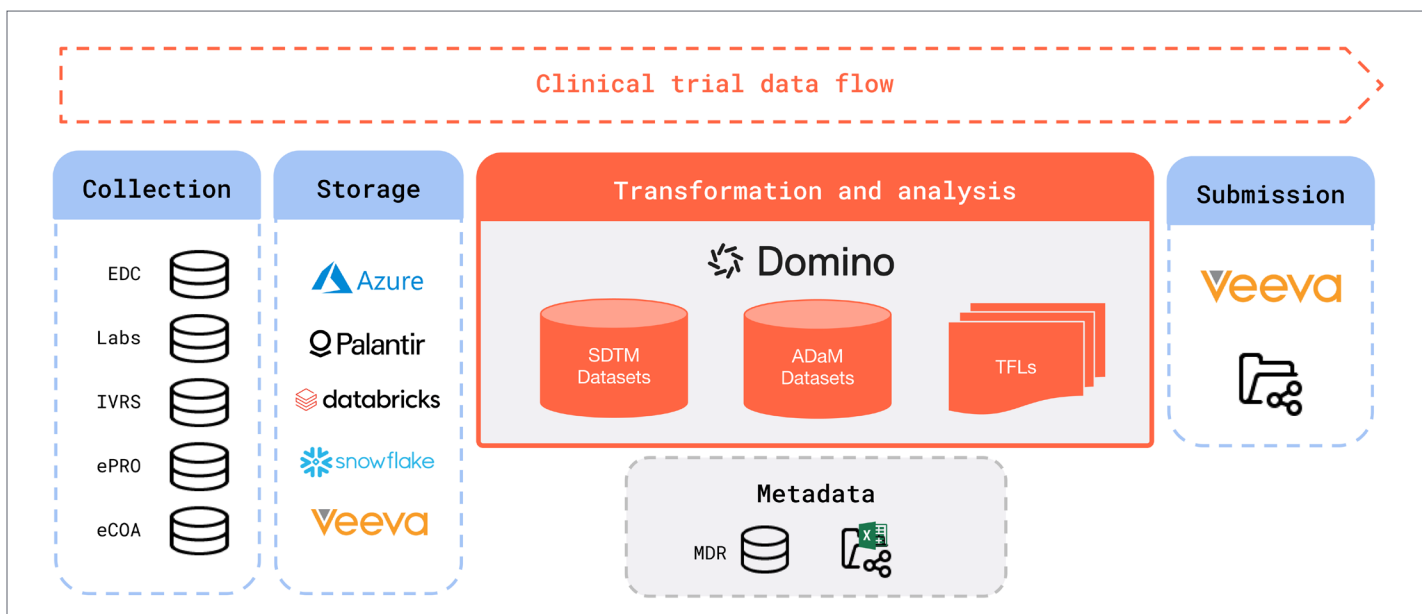
Overview

Domino is an innovative Statistical Computing Environment (SCE) that offers language, IDE, and workflow flexibility, ensures full traceability and reproducibility, and includes a robust data sharing framework for more efficient delivery of statistical analyses for regulatory submissions and other post-hoc analyses.

Domino helps statistical programmers at the world's largest life sciences organizations:

- Expedite quality regulatory approvals by embedding evidence of QC, traceability, and reproducibility into the workflow
- Simplify the unblinding process
- Quickly respond to post-hoc analysis requests
- Accelerate time to insight with pre-built templates and reproducible and reusable workflows

Domino fits in your clinical workflow





Why life sciences organizations depend on Domino

Domino provides a fresh and extensible approach to delivering an SCE. It makes optimal use of cloud-native technologies in order to orchestrate the control and governance required for GxP while maintaining the flexibility critical to driving innovation. It allows pharmaceutical organizations to standardize where it makes sense and effectively unleash the power of data science and advanced analytics to accelerate clinical studies and reduce time to market for novel medicines and vaccines.

With Domino, you get:

Flexibility without sacrificing governance

Domino's unique governance framework, pre-built templates, and integration capabilities help clinical data teams move faster while providing the flexibility to work with their preferred IDEs and languages without needing to worry about compliance.

Easy access to data without compromising security

Domino allows data to be shared with authorized individuals without making copies. The platform simplifies the unblinding process, and clinical study data can be easily used in other analytics and data science workflows.

Full breadth of analytic infrastructure and tools

Domino supports a wide variety of open source and commercial tools and languages, including Python, R, and SAS. Your team can keep pace with the ever-expanding set of tools and infrastructure and easily configure and manage access to validated and non-validated environments.

Accuracy, traceability, and reproducibility

Domino provides granular governance without compromising flexibility. It offers out-of-the-box traceability and reproducibility.





Key features

FLEXIBLE WORKFLOW ORCHESTRATION

Streamline, automate, and visualize complex workflows that involve multi-step, multilingual, dependency-aware computations with Domino Flows. Data teams can orchestrate computations across any tool, data source, and infrastructure in any environment, delivering unparalleled flexibility and faster time to impact. Users can scale thousands of resources and tasks reliably while ensuring compliance with built-in security, governance, and auditability. Organizations can standardize workflows in preconfigured GxP and non-GxP environments without compromising their ability to collaborate effectively.

EFFICIENT QC GOAL TRACKING

Enable customers to manage clinical study QC projects and tasks in a unified, traceable, and accurate way. For example, users can share unblind reports with their clinical teams before a database freeze or integrate QC into third-party project management tools like Jira to improve visibility and traceability. Users can also set custom stages for each QC goal, allowing project leads to implement risk-based tasks tailored to each project. They can even assign goals to project collaborators, ensuring clear responsibility and accountability, and even attach files and necessary activities to accelerate time to results.

MULTILINGUAL INFRASTRUCTURE

Domino runs all types of code, including Python, R, SAS, and other open source technologies, on-premises or in the cloud, and supports seamless integration with various types of data and data sources. It allows data scientists and statistical programmers to collaborate on a project, each using their preferred tools and IDEs. This flexibility allows organizations to onboard new users faster, attract and retain talent, and upskill their teams in an effective manner. It also allows statistical programmers and data scientists to make use of and collaborate on open source assets in addition to proprietary code. As new open source tools and libraries become available, data scientists and statistical programmers can take immediate advantage of their benefits and keep at the forefront of industry progress.

EMBEDDED GXP COMPLIANCE

Domino provides granular governance without compromising flexibility. Evidence of traceability is provided in an immutable audit record that includes the version of the input data, code, environment, and output data related to a job execution. Domino can reproduce all statistical results on demand, including all artifacts and dependencies. This not only enables studies to be audit-ready but also allows statistical programmers and data scientists to collaborate with peers by easily comparing and iterating on results and providing a review and comment trail.

About Domino Data Lab

Domino Data Lab empowers the largest AI-driven enterprises to build and operate AI at scale. Domino's Enterprise AI Platform unifies the flexibility AI teams want with the visibility and control the enterprise requires. Domino enables a repeatable and agile ML lifecycle for faster, responsible AI impact with lower costs. With Domino, global enterprises can develop better medicines, grow more productive crops, develop more competitive products, and more. Founded in 2013, Domino is backed by Sequoia Capital, Coatue Management, NVIDIA, Snowflake, and other leading investors.

Learn more at www.domino.ai →



Check out [Domino for Life Sciences](#) to learn more →