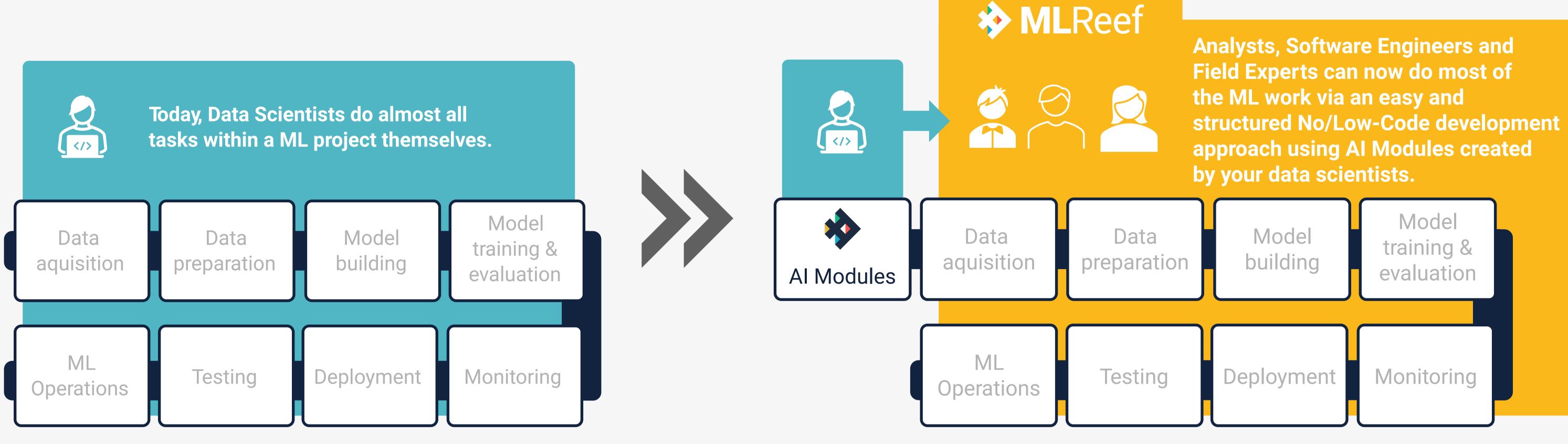
The collaboration platform for Machine Learning

MLReef is a Machine Learning development platform (ML Ops) that solves the data science bottleneck within data-driven organizations by leveraging the work of data scientists towards non-experts via a hybrid of pro-code & no-code development approach.

Distribute your ML Innovation across the entire organization

MLReef opens the domain of Data Science to non-experts and enables them to relieve the data scientists from major parts of the ML development process.

This removes up to 85% of a data scientists workload which drastically widens your organizations ML Innovation capabilities.



Standard ML development practices

Distributed ML development with MLReef

5x

in ML development throughput

-85%

less dependency on Al talent capacity and expertise

Distributed

workload on complex data tasks with seamless participation of field experts

Higher

acceptance of deployed models as development was a joint task

What can MLReef do?













Used & supported by leading data-driven organizations







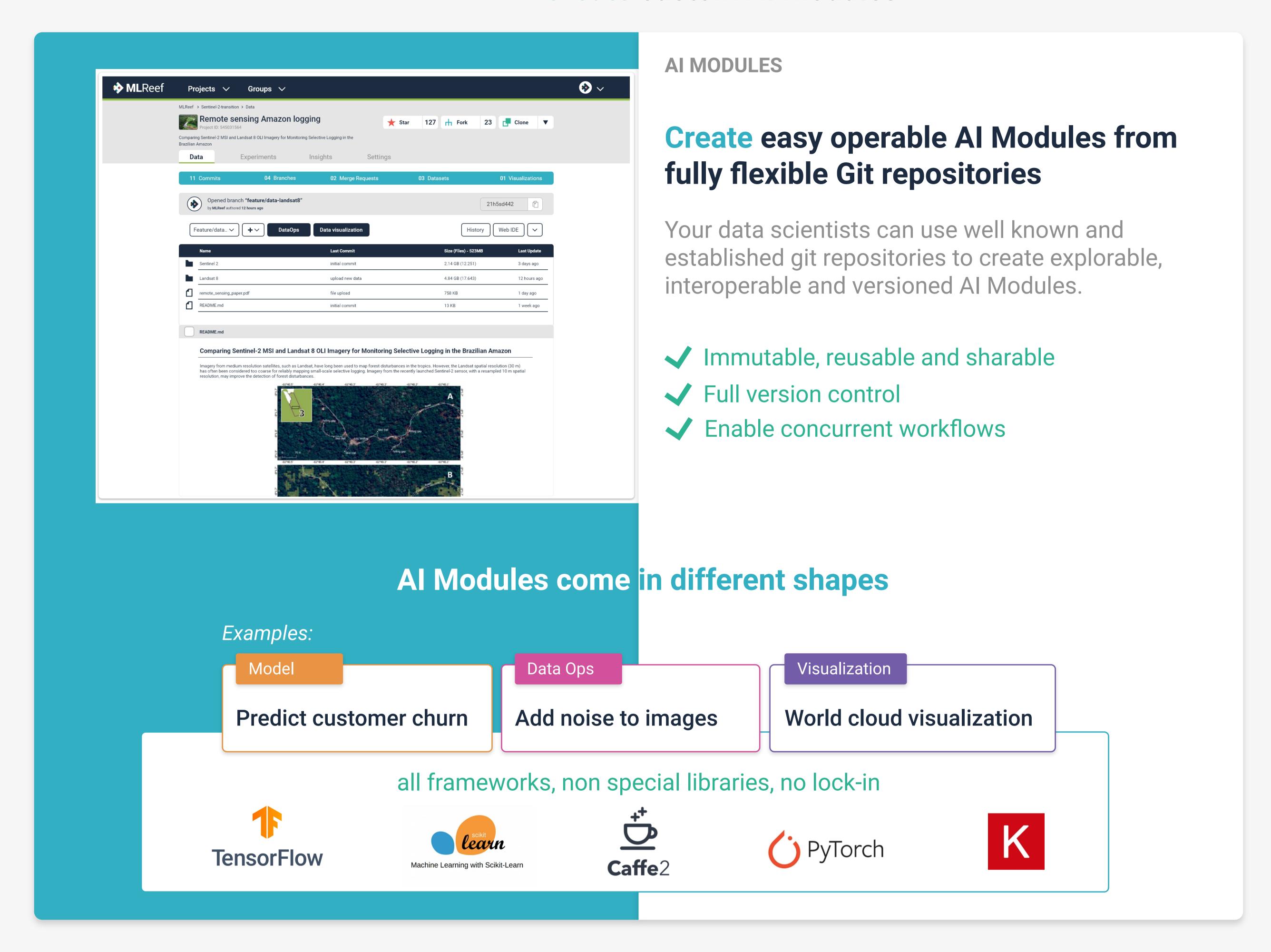




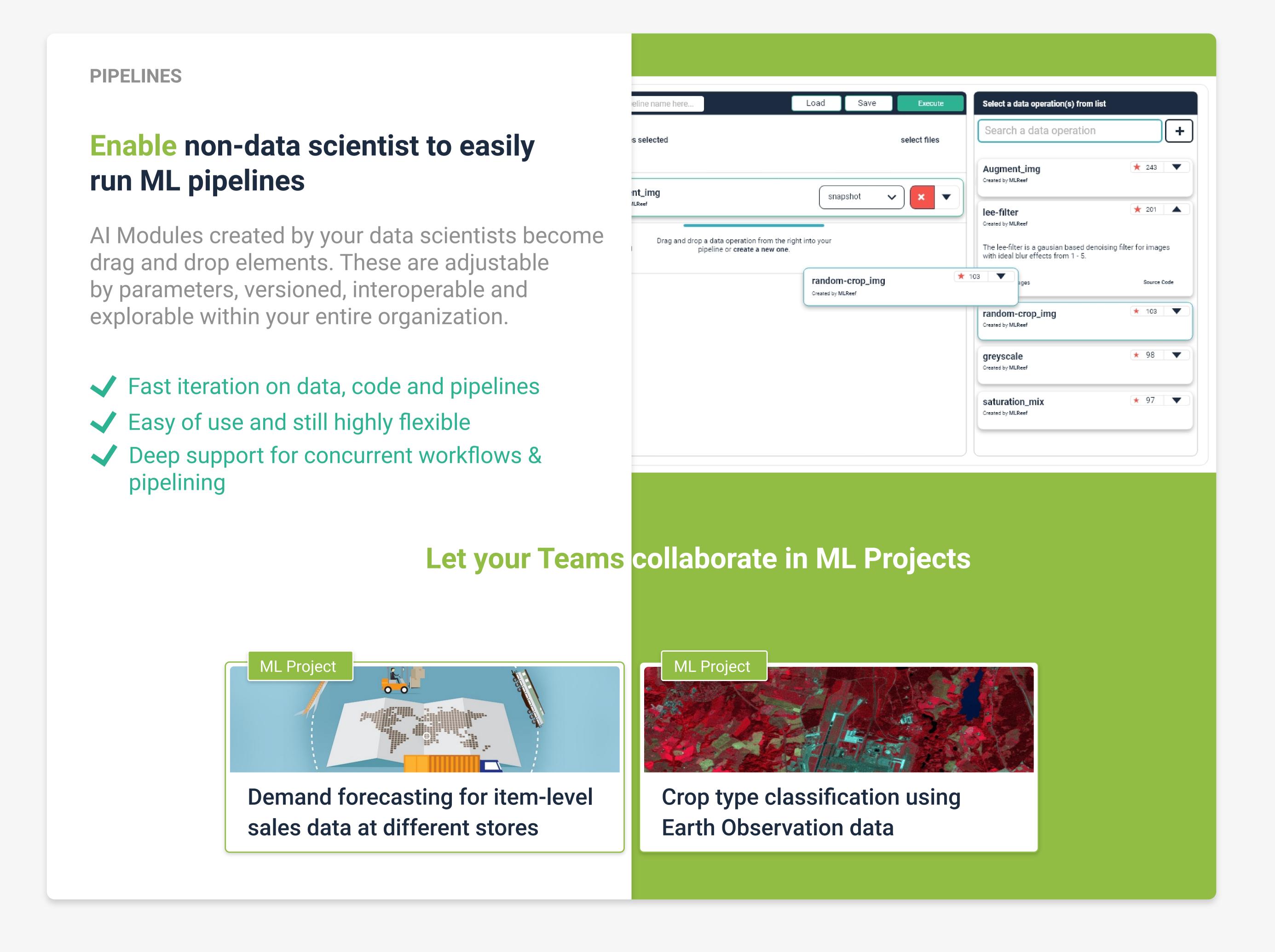




Create custom Al Modules

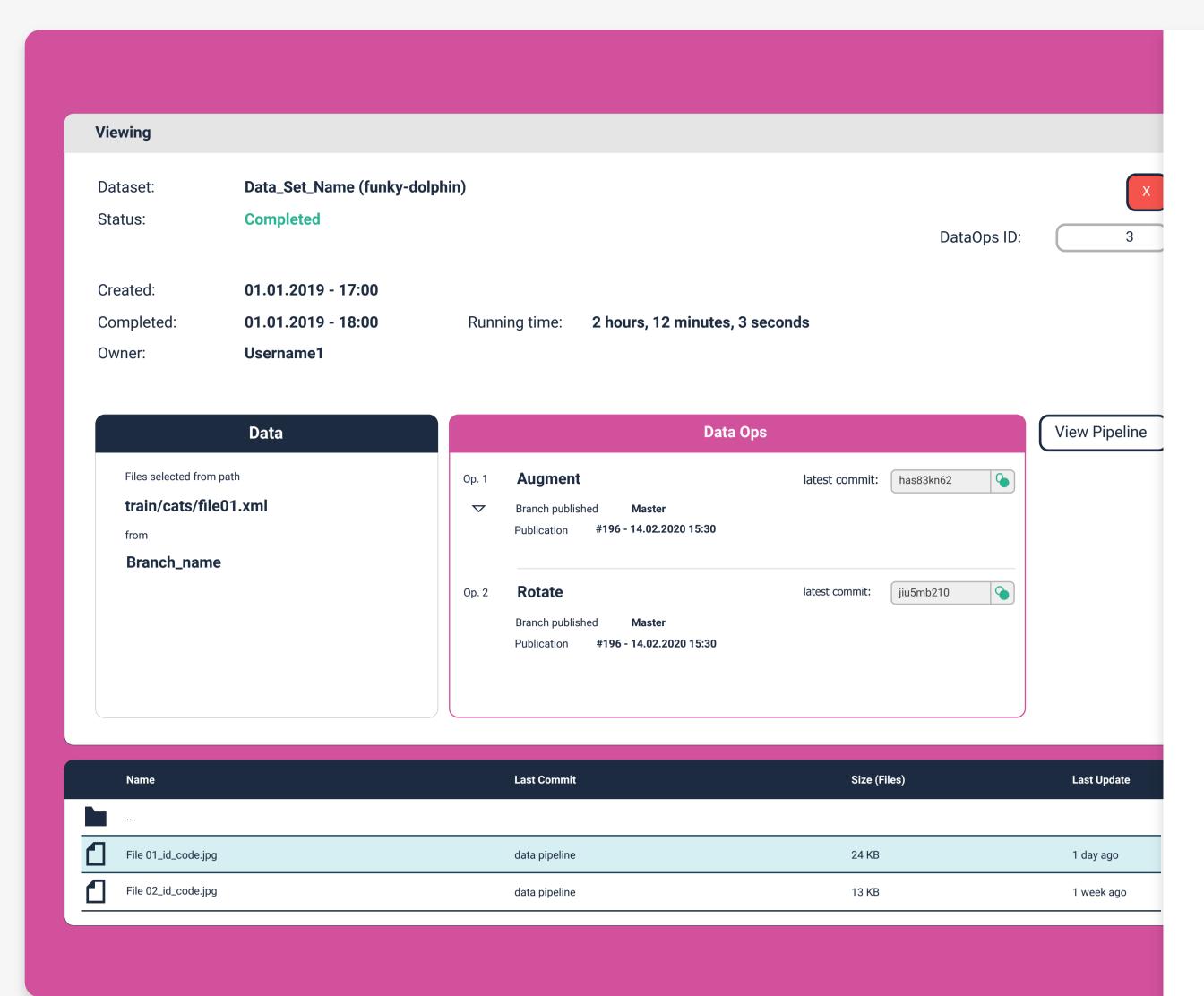


Distribute the ML workload





Manage your data, collaboratively



DATA MANAGEMENT

Make data processing a collaborative and connected work

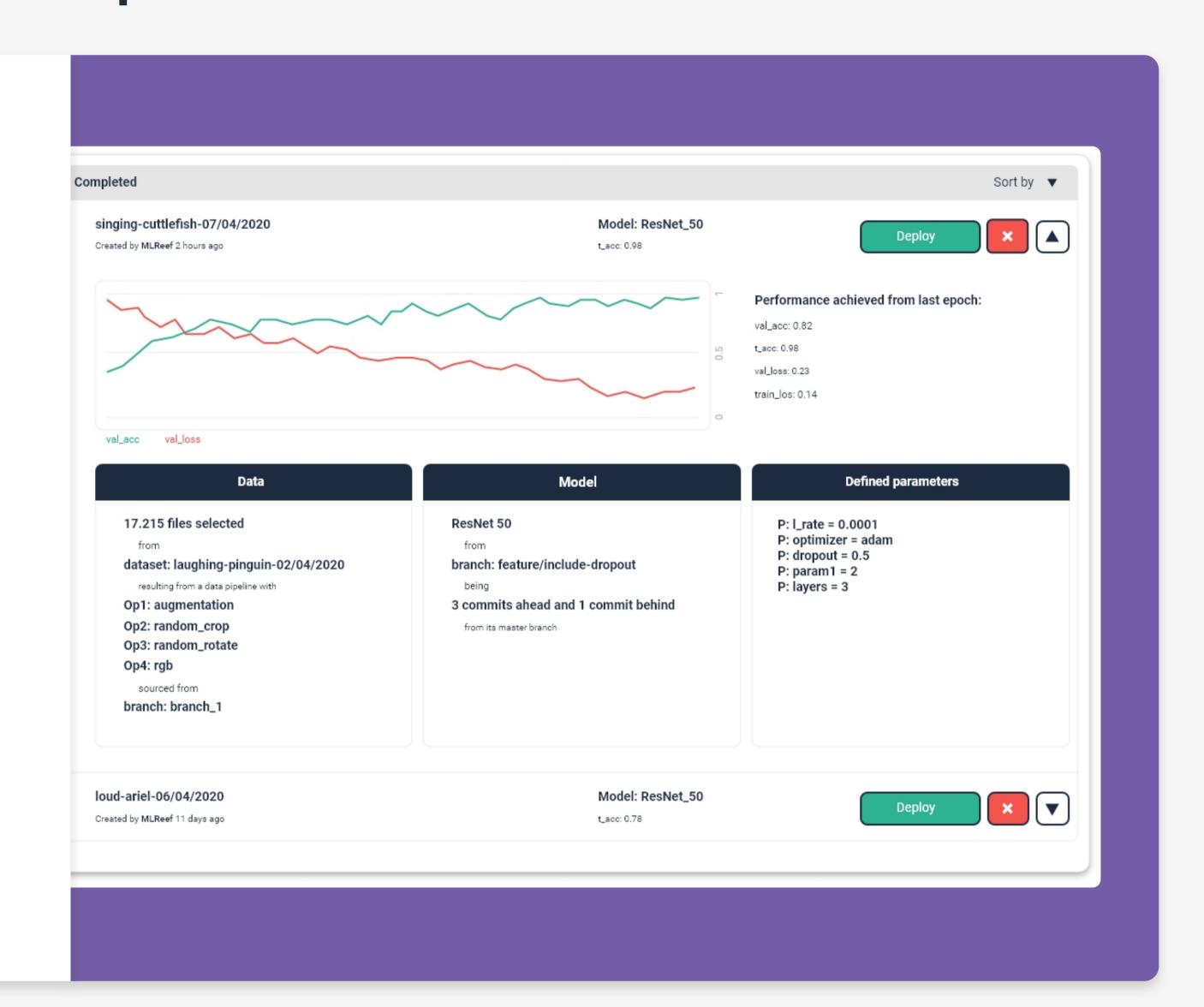
Data handling often requires expert knowledge that data scientist simply lack. MLReef enables your domain experts to relieve your data scientists in data processing task, reducing complexities and increasing the data quality for model training.

- Use integrations to your data warehouse
- Structured data processing & visualizations
- Store versions of dataset

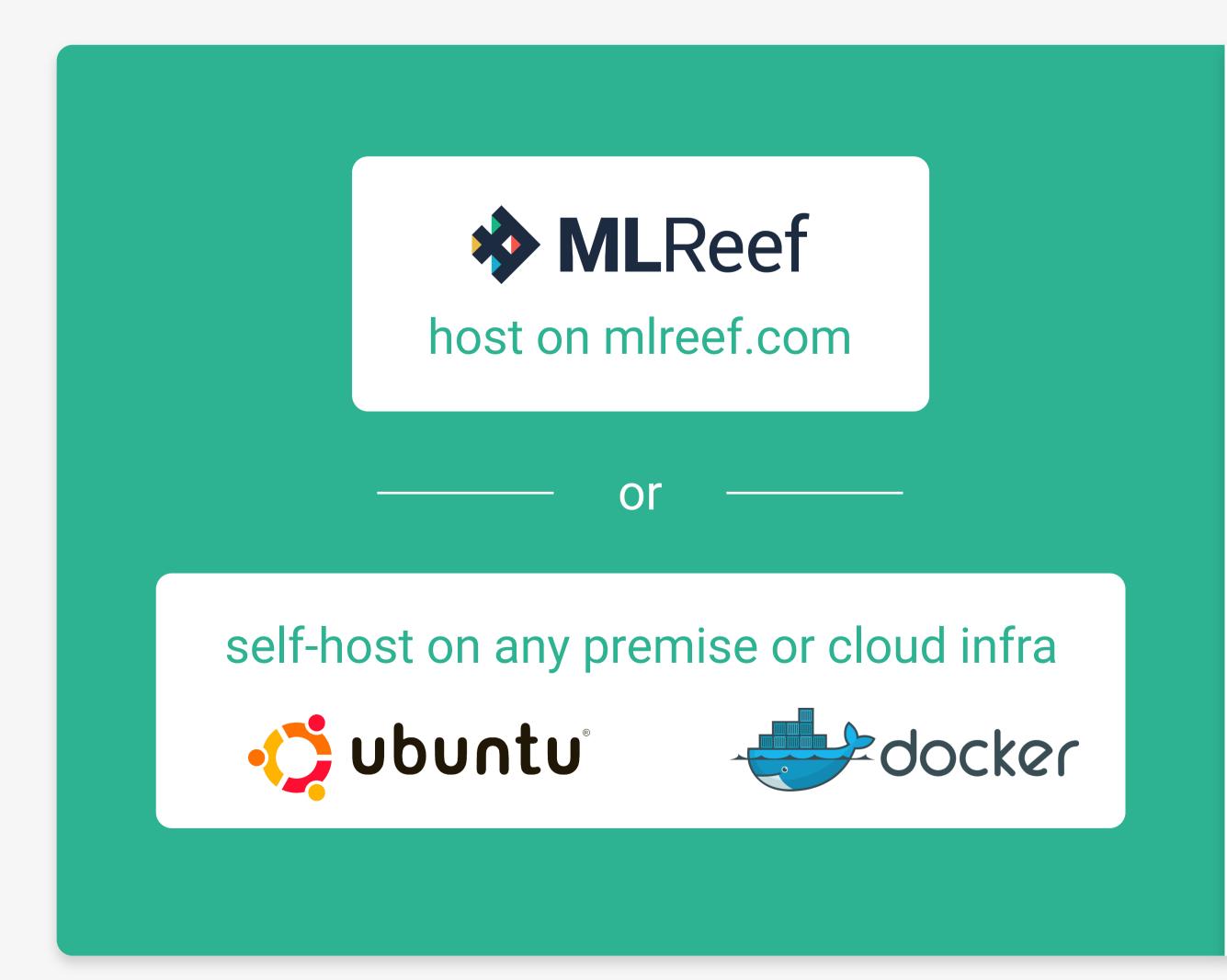
Create reproducible models

Run Experiments iteratively and with full reproducibility Training models is easy, flexible, scalable and built for high iterative workflows. Do not lose any history with full Version Control on data, code, parameters, pipeline run and base environment.

- Run any number of pipelines and experiments
- Track all metrics and runs in one place
- Reproduce and replicate at any time previous results



Use your prefered host



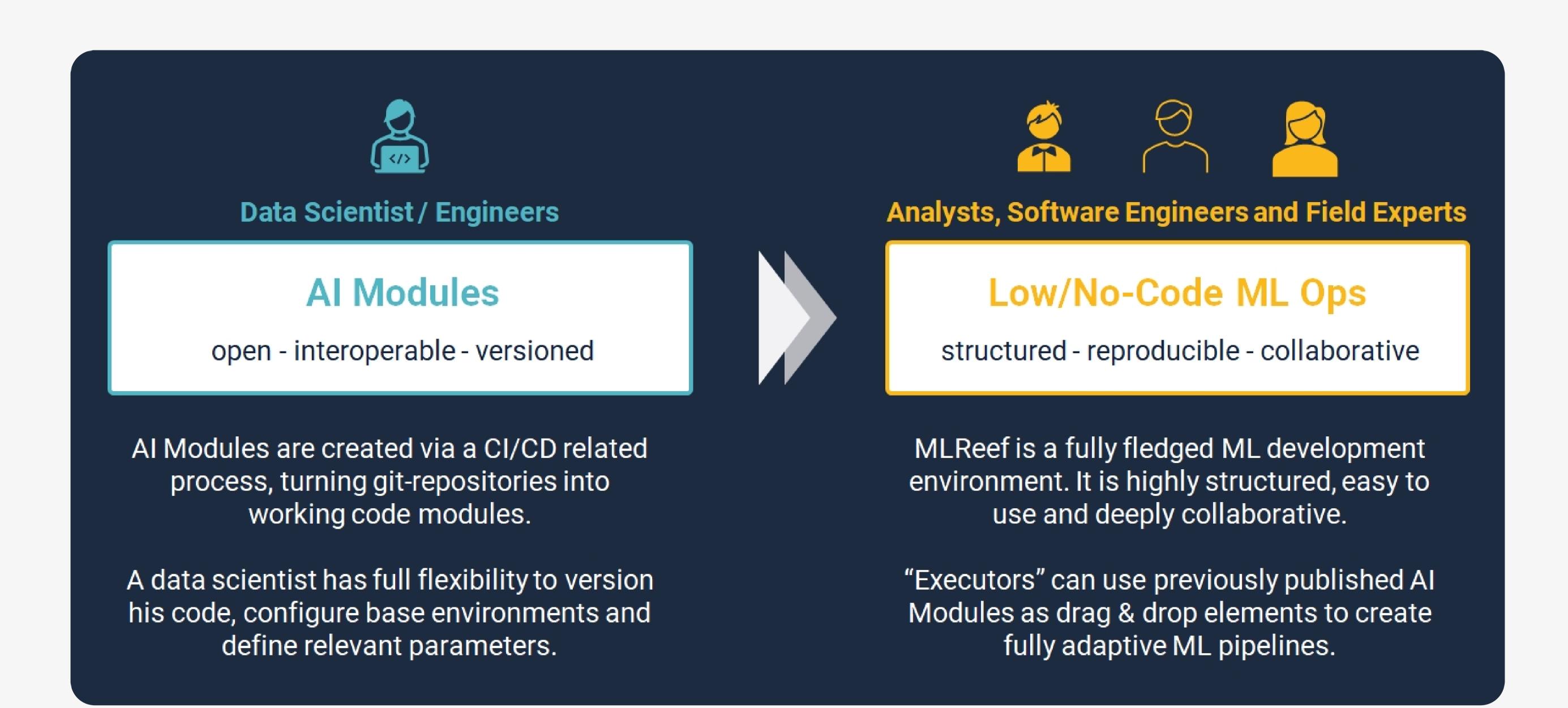
NAUTILUS

Host MLReef on any infrastructure - on the cloud or on-premises

MLReef comes as a docker image to be installed wherever you need it. Your data is secure while giving you granular access rights to your users and developers.

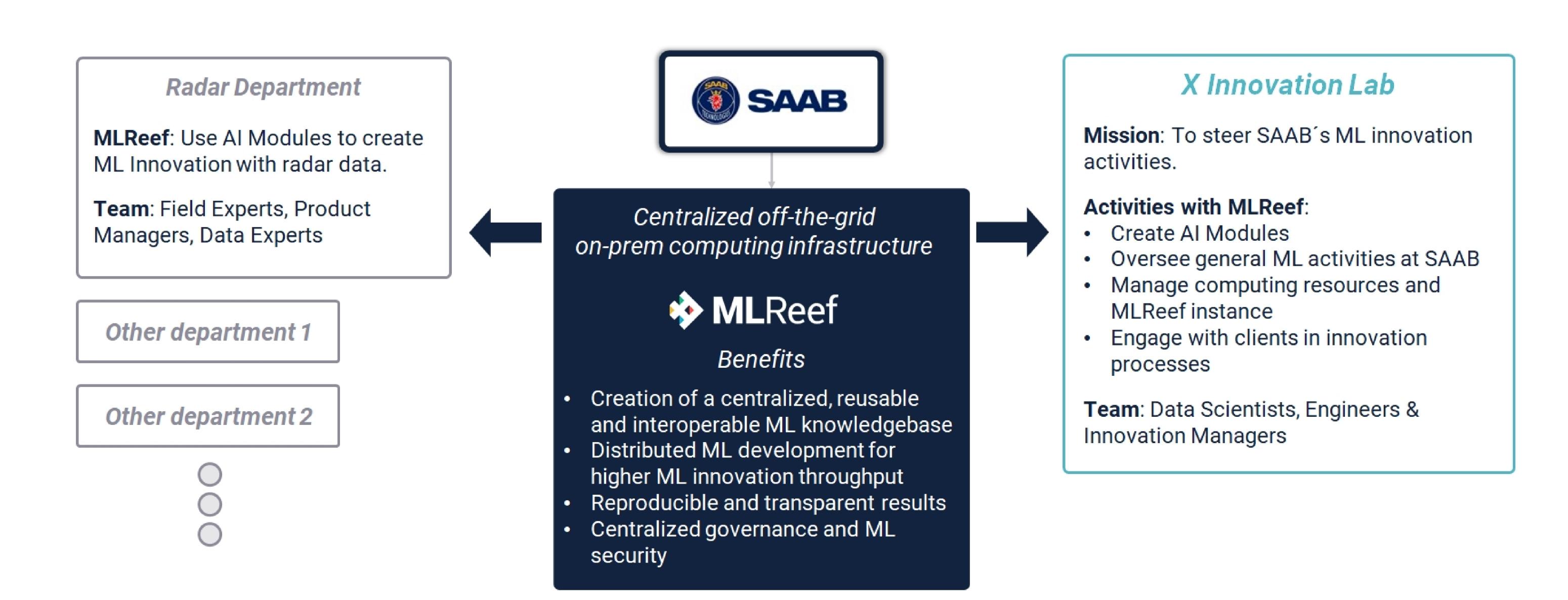


MLReef is the first platform to introduce Distributed ML Development



Distributed Machine Learning Development

in action







""At Saab we saw the need for operationalizing our Machine Learning efforts and to include more engineers and analysts into the ML life cycle. With MLReef we have a tool that delivers this."



Packages

The base module serves fast-prototyping, a business critical phase where low costs and quick iteration are essential. With increased maturity, the modules for orchestration and later deployment become relevant.

Innovate

- Base module -

for distributed fast-prototyping

- Unlimited Al Modules & ML Projects
- Unlimited users
- 5 concurrent pipelines = 1 compute engine

Available

Orchestrate

- Add-on module -

for operationalizing and scaling

- Includes graph & pipeline orchestration (CI/CD)
- Includes automation rules
- Advanced resource management

Roadmap

Deploy

- Add-on module -

for integrated deployment

- Unlimited deployment of models
- Inference monitoring
- Advanced data flow management
- Model governance & security

Roadmap

Additional Compute Engines

on self-hosted version

On-demand cloud computing

on hosted version

Customer Success Services



Innovate



Innovate is being used by thousands of users & their ML projects, today.

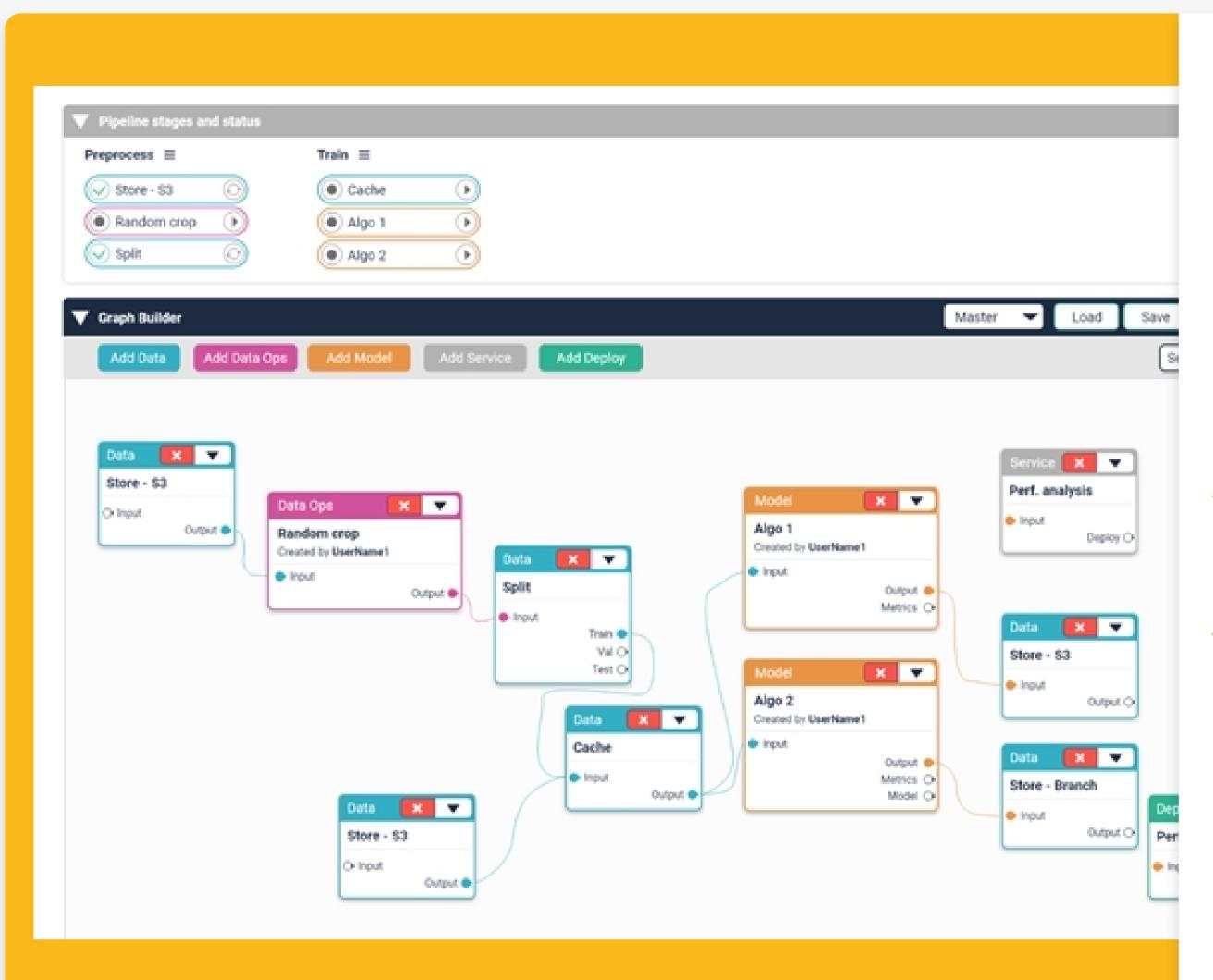
currently on www.mlreef.com

Jan 2022



Roadmap

The modules for Orchestrate and Deploy are in the short-term roadmap and planned for realseas in 2022.



PIPELINE GRAPH

Benefits from - Orchestrate -

The add-on module to operationalize (CI/CD) ML pipelines

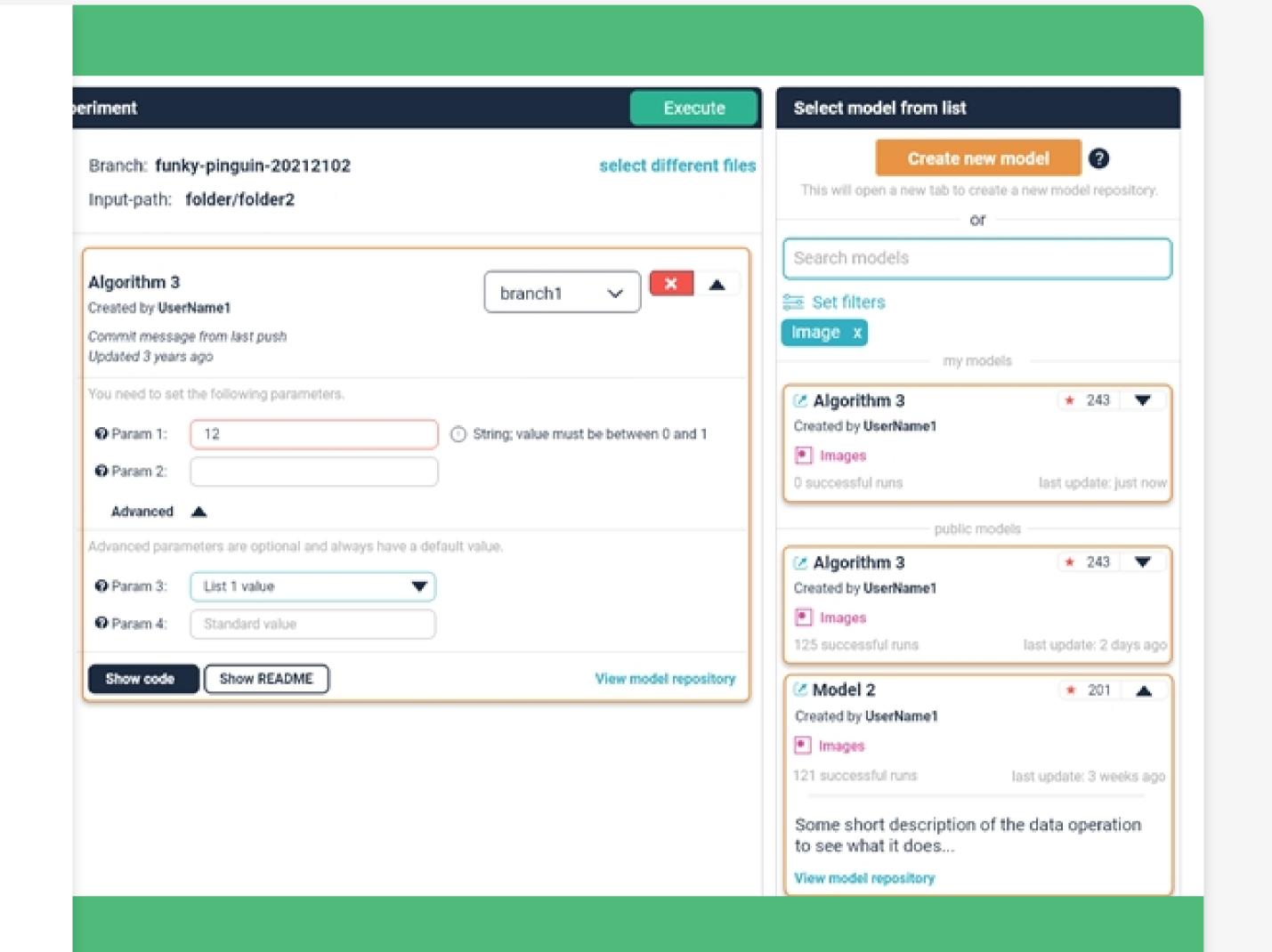
- Operationalize ML pipelines for Continuous Integration (CI)
- Automate and orchestrate pipelines across nodes
- Automate pipelines on data & code changes
- Easy to setup (drag & drop) and very flexible (YAML configuration)

MODEL DEPLOY

Benefits from - Deploy -

The add-on module to deploy ML models

- Deploy trained models within the same environment
- Automate deployments based on new model versions (CD)
- Continuously validate and monitor inference performance
- High security standards and governance tools





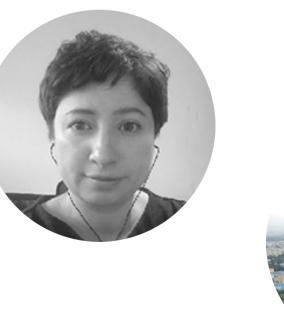
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