SELDON DEPLOY

What is Seldon Deploy?

Seldon Deploy transforms the way organisations across the globe deploy machine learning models, making businesses faster and, most importantly, more confident when bringing models into production.

The technology is proven in the Opensource community and has consistently documented **time savings of up to 85%.** Through explainable AI, businesses can actively uncover and understand any risks before they make an impact and can confidently maximise the benefits data scientists can bring to an organisation.

Seldon Deploy is entirely platform-agnostic and language-agnostic, meaning organisations can avoid vendor lock-in and retain flexibility throughout their IT architecture.

Why does that matter?

Seldon Deploy creates competitive advantages currently out of reach. Over two thirds of businesses are using machine learning to address critical business issues, yet around **1 in 10 models have actually been put into production.** Organisations are failing to gain advantages from their data science teams due to a lack of oversight and confidence in the models they create.

Seldon Deploy means businesses can deploy models faster and with more confidence through a stable and reliable platform that combines **peak efficiency** with **minimal risk**.

Key benefits:

MORE EFFICIENT

- Streamlines deployment process for documented time savings of up to 85%

- Transparent workflows and intuitive dashboards minimise testing and approval processes

- Ensure that your machine learning system is built upon leading-edge technology
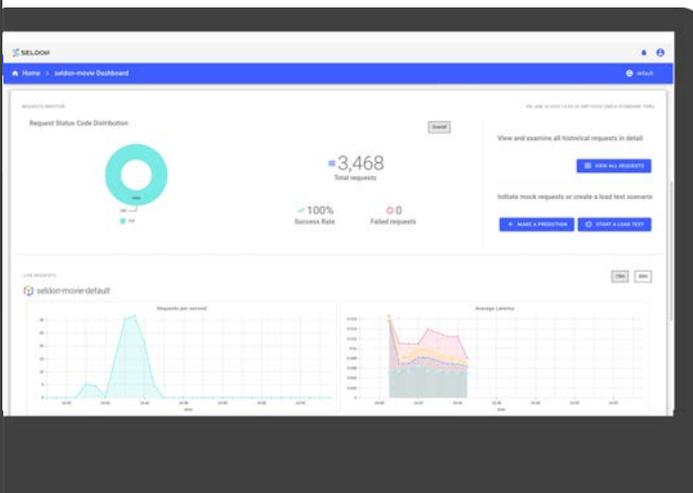
MORE RELIABLE

- A stable, trusted environment to keep your models running in optimised conditions

- Expert support 24/7

- Effortless scalability means any number of models can be managed with ease in one place

MORE REWARDING

- Data scientists can focus on innovating to propel the business forward

- Teams don't have to be tied up in increasingly complex deployment processes

- Developers and data scientists can focus on and get back to the most important part of their jobs

AND ALL WITH LESS RISK

- Transparent monitoring abilities mean deploying models with full confidence

- Intuitive dashboards and instant error reporting assure buy-in from throughout the business

- Model Explainability allows for understanding where things go wrong and straightforward compliance with legislation

Key features

Workflows

Front-end deployment of models, explainers and canaries means huge time savings throughout the development process and enhanced collaboration across the business. IT teams can deploy models instead of data science teams who can in turn focus on development. Deployment strategies like canary and AB testing mean models are constantly optimised and businesses can be confident the best performing model is running.

Model management

Dashboards and metrics mean more confidence in the performance of models through enhanced visibility and understand of ML Ops. By monitoring model performance in custom or out-of-the-box visualisations, organisations can improve latency and expedite the development process. Error alerting also means potential issues can be dealt with immediately instead of waiting for them to impact the business before they are unearthed.

Model confidence

Alibi Explain allows individuals across an organisation to understand why a model is performing the way it is. Insights into the nature of data sets and their bias alongside model outputs means models can easily be improved, optimised and refined to propel the business forward. Explainability is also essential for compliance and understanding why decisions are made in order to audit if things go wrong.

Alibi Detect allows users to understand shifts in the data surrounding a model in order to understand when retraining or updating is necessary. This creates confidence that models are going to be solving the problems they are built for and that any issues are being addressed in the shortest period of time possible.

Stack stability

Seldon Deploy takes care of time-consuming tasks such as setting up and configuring the overall stack, or keeping on top of all new changes to the environment. Users can have full confidence in the stability of their production environment and besecure in the knowledge that this will minimise any impact on the business

Trusted by:

COMCAST Google Alibaba Group 阿里巴巴集团 (intel) AI Ford IBM nVIDIA mastercard.

For more information email
hello@seldon.io

SELDON