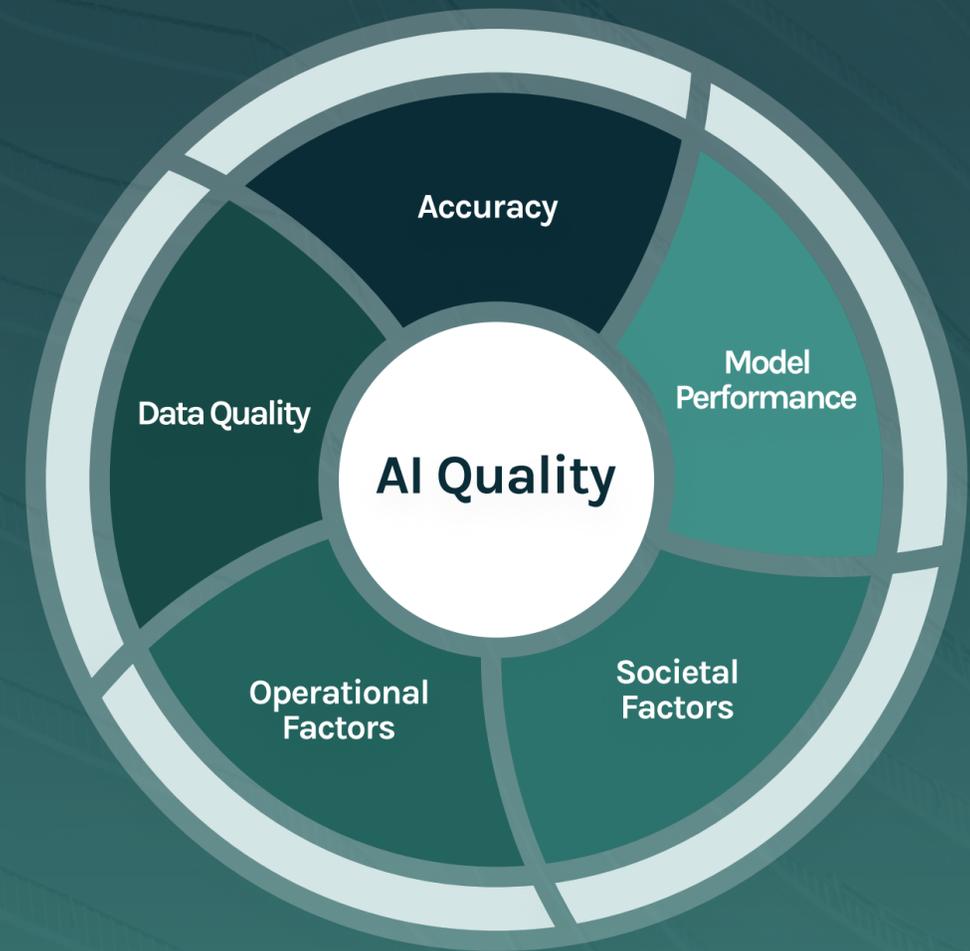


# TruEra

## Ensuring AI success by optimizing AI Quality

Achieving high AI Quality is the next great challenge in artificial intelligence and machine learning. Today, only 13% of machine learning projects ever make it to production, representing a huge loss in potential value and resources spent. Regulatory pressure on AI transparency and quality is increasing in the US, Europe, and Asia. High profile missteps with AI have damaged the reputations of some of the most well known companies.

TruEra provides a robust suite of AI Quality solutions that help enterprises to drive model quality and get into production, satisfy internal and external stakeholders, and protect corporate reputations. TruEra solutions are based on technology developed over more than six years of research. They help ensure ongoing model performance and business results throughout the ML model lifecycle and are used by leading organizations around the world.



TruEra's comprehensive view of AI quality drives AI performance throughout the full model lifecycle.

## Recognized leader in AI Quality solutions





We see TruEra as an essential partner... in how we build and operationalize higher-quality, trusted AI models faster and more efficiently.

- Vishu Ramachandran, Global Head, Retail Banking, Standard Chartered

# TruEra: managing AI Quality across the full machine learning model lifecycle.

## TruEra Diagnostics

Deeply analyze and explain models in the development phase, to ensure high performance at deployment and to facilitate model approval and corporate or regulatory compliance.

### TruEra Diagnostics capabilities include:

- **Model explainability** provides a view into the fundamental underpinnings of the model.
- **Feature analytics** show which inputs are the key model drivers, identifies outliers, and tracks feature trends.
- **Segment analytics** to understand segment level accuracy, see predicted behavior by segment, or see feature importance by segment. Segments can be manually or automatically selected.
- **Model reliability and stability** allows you to gain confidence in the predictions of your model, and its ability to perform beyond the training dataset. Champion/challenger analysis lets you select your best performing model.
- **Fairness and bias analyses** to understand how your model is behaving towards different populations, including protected populations.

## TruEra Monitoring

The machine learning monitoring solution that gets down to the root cause, so that your models stay up and running. Get robust model supervision, views into model performance unavailable anywhere else, and configurable alerting that ensures you're on top of the most critical risks.

### TruEra Monitoring features:

- **Performance visibility** with deep model quality dashboards and an overwatch dashboard for supervising 100s of models.
- **Bias tracking** to understand if some groups are being treated differently than others, and why.
- **Root cause analysis** so that you not only know what issues are emerging, but why, so that you can fix them quickly and effectively.
- **Alerts and notifications** for any dashboard metric you choose. Configure alerts to ensure you're notified for the most important issues, across any of 19 different communication channels.

## Key Benefits



### Achieve model transparency

Explain fully how your model works and its key drivers.



### Drive model quality

Analyze accuracy, reliability, stability, conceptual soundness, and bias.



### Build trust, reduce risk

Easily demonstrate to stakeholders, customers, and regulators the effectiveness, quality, and fairness of your models.



### Get into production faster

Accelerate model development, validation, and approvals; easily report and collaborate.



### Get the broadest and deepest view of real-world performance

Get a full spectrum view into your models, with analytics that you can't find anywhere else.



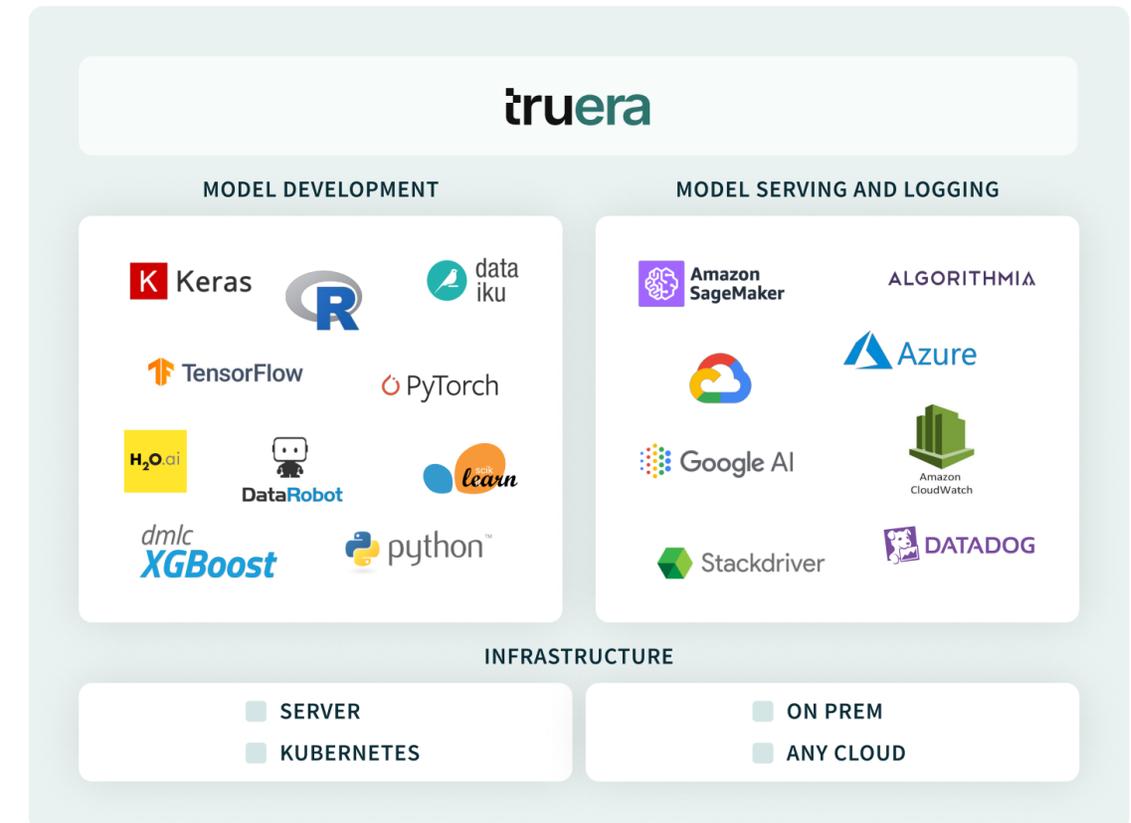
### Enable fast action - know where to look and what to fix

With more reliable analyses of root causes, your data science and MLOps teams stay focused.

# TruEra is an easy addition to your existing AI stack.

TruEra is quick and easy to deploy, even in complex enterprise environments.

- Deploy on-premises or on your cloud, including public cloud,** including public cloud providers like AWS, Google, or Azure.
- Fast setup and easy user administration** with SSO integration and local TruEra authentication.
- Easy integration** to data sources, common model development solutions, such as Dataiku, Data Robot, or H2O.ai, and model serving solutions.
- Scale quickly** to analyze high volumes of machine learning models and their data.
- Easily export data via APIs** for integrations to applications or business intelligence solutions, such as Tableau and Looker.



Effective monitoring of machine learning is one of the major missing pieces of IT management.

We are excited about a solution that goes beyond current ad hoc tools and allows us to not only quickly and effectively identify emerging issues, but also debug and resolve them.

- Matthew Bennett, CIO, North America, HarperCollins



We're tackling fair, transparent, and accountable AI head on. We are partnering with TruEra to help us get a complete understanding of the workings of machine learning algorithms.

- Bill Winters, Group CEO, Standard Chartered