

# Verta

MODEL MONITORING

## Clear insights on model performance in real-time

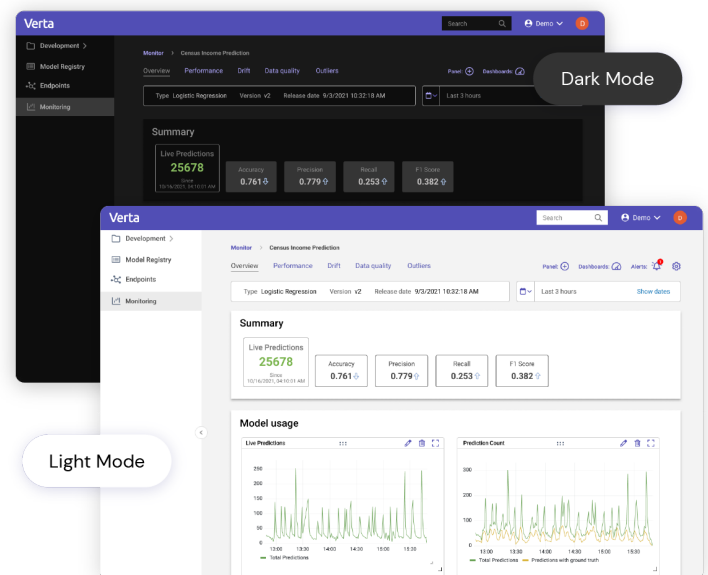
Get real-time insights and alerts on model performance and data characteristics, debug anomalies, and initiate proactive actions.

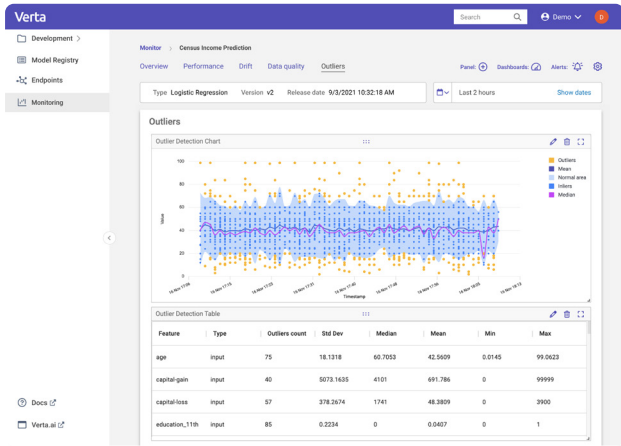


## Fully configurable monitoring for any serving infrastructure.

Know when models are failing

- Track input, output, and intermediate results
- Monitor data distribution and complex statistical summaries – data quality, null values, and missing data
- Detect data drift and outliers in input features and predictions
- Ingest ground truth and monitor quality metrics like accuracy, precision, recall, F1 score, etc.



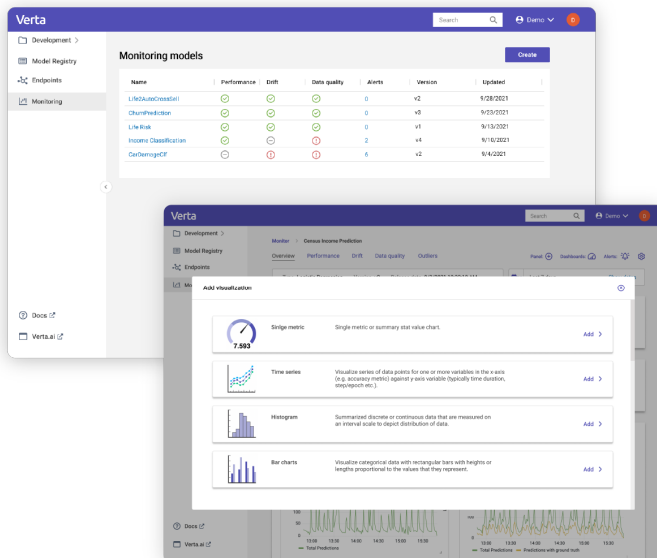
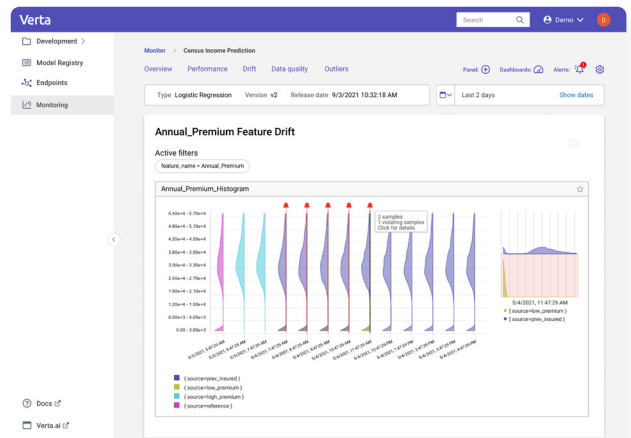


## Quickly find the root cause

- Advanced query and filter supporting millions of summaries and perform cohort analysis
- Root cause analysis and outlier detection by running correlations across data samples, time ranges, and metadata tags
- Connect pre-production (model registry and experiment tracking) and production systems for end to end visibility

## Close the loop by fast recovery

- Receive actionable alerts for performance degradation, or drift
- Track model releases, identify unexpected behavior, and automate production rollback
- Automate remedial action like fallback, model retrain, human in the loop
- Integrate into DevOps and alerting tools like Slack, Pagerduty, and more



## Automated monitoring

- No setup required to monitor endpoints running on Verta
- Model predictions, features, alerts and thresholds are automatically defined by the system with the option to customize
- Monitor custom metrics and build your own charts and visualizations (e.g. confusion matrix, PR curve, ROC curve and more)
- Fully customizable dashboards and interactive charts

TAKE A TOUR

## One platform, all of your model delivery needs.



### Experiment

Track your growing portfolio of models, experiments, and versions with confidence.



### Register

Ensure production-quality operations with reliable packaging, governance, and auditing.



### Deploy

Deploy models to production using standard methods built for the real world.



### Monitor

Keep models relevant and performant with real-time decay monitoring, logging, and alerting.

Learn more about Verta integrations and hear from our clients.



COMPATIBILITY

## We integrate with your AI-ML stack

Verta supports all of these popular platforms and frameworks—plus many, many more.



Don't take our word for it.  
See what others are saying.



Scribd utilizes machine learning to optimize search, make recommendations, and improve new features.



LeadCrunch's Data Science teams create Machine Learning models that help B2B companies find better prospects faster.



A leading collaboration platform utilizes ML to prevent abuse, make recommendations, and improve user experience.



“ With Verta, we can log, analyze, and get alerted on changes to the data distribution of our classification model and pipeline. Additionally, we have better visibility on how our intermediate data changes over time. Throwing data on an s3 bucket and waiting for a slow day to look at it means it's never going to get attention. But spending 30 extra seconds to log it as part of a data pipeline is well worth it.”

JENN FLYNN, PRINCIPAL DATA SCIENTIST AT LEADCRUNCH

LEARN MORE  
[www.verta.ai](http://www.verta.ai)

Schedule a demo

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