infinitii auto qa/qc

At the heart of AI's promise is a critical function – reliable anomaly detection. Because of its wide array of applications, mastering anomaly detection in the age of AI-driven predictive analytics is incredibly valuable.

Predictive and preventive analytics flags supervisors and engineers to schedule downtime on critical infrastructure assets before breakdowns occur, forecasts high impact external weather events, or alerts data analysts and front-line workers to potentially dangerous deviations in data quality.
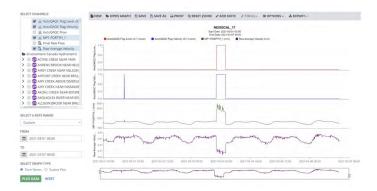
Alerts on data deviations

infinitii auto qa/qc performs Quality Assurance (QA) and Quality Control (QC) on any sensor data shifts or outliers that may distort results or falsely trigger alerts. Machine Learning models provide flags and predicted values based on data identified as sensor errors.

How data is identified for further action and analysis

- Data anomalies are flagged for further investigation by engineers and data analysts in their manual workflow

- Certain anomalies may be deemed acceptable, and automatically eliminated from the data stream

- Other anomalies may be automatically substituted with appropriate data values so operational parameters are maintained to make real-time predictions

Users can securely access infinitii auto qa/qc sensor anomaly detection results through any Internet-connected web browser.

Data anomalies are flagged for further investigation by engineers and data analysts in their manual workflow

Identify patterns or create predictions with data

Additional features of infinitii auto qa/qc

- Reliably runs time-series anomaly detection in real-time

- Able to run as a basic service across disparate systems spread throughout the organization Deploys many instances of the same QA/QC data model, but with different settings and properties

- Keeps source code in one place for easy updates, maintenance and deployment across a large infra-structure installation

Automated infrastructure systems and one-off AI test-bench projects benefit equally

infinitii auto qa/qc has proven itself in large-scale infrastructure settings relied on to protect human health.

Valuable tool for test-bench projects

It is an equally valuable tool for data analysts and engineers to use on AI test-bench projects to build and test new data models, manually examine detected anomalies to further refine the models, then deploy them in full production systems. Either way, infinitii auto qa/qc delivers.

For more information, please email info@infinitii.ai or call +1 778-200-2064.

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