

工具和数据集([点击链接可跳转](#))

[Python] [TODS](#): TODS is a fullstack automated machine learning system for outlier detection on multivariate time-series data.

[Python] [skyline](#): Skyline is a near real time anomaly detection system.

[Python] [banpei](#): Banpei is a Python package of the anomaly detection.

[Python] [telemanom](#): A framework for using LSTMs to detect anomalies in multivariate time series data.

[Python] [DeepADoTS](#): A benchmarking pipeline for anomaly detection on time series data for multiple state-of-the-art deep learning methods.

[Python] [NAB: The Numenta Anomaly Benchmark](#): NAB is a novel benchmark for evaluating algorithms for anomaly detection in streaming, real-time applications.

[Python] [CueObserve](#): Anomaly detection on SQL data warehouses and databases.

[Python] [Chaos Genius](#): ML powered analytics engine for outlier/anomaly detection and root cause analysis.

[R] [CRAN Task View: Anomaly Detection with R](#): This CRAN task view contains a list of packages that can be used for anomaly detection with R.

[R] [AnomalyDetection](#): AnomalyDetection is an open-source R package to detect anomalies which is robust, from a statistical standpoint, in the presence of seasonality and an underlying trend.

[R] [anomalize](#): The 'anomalize' package enables a "tidy" workflow for detecting anomalies in data.