

Anomaly Detection WebApp

Main classes:

LinearAlgorithm:

Learn each attribute and find its correlated feature, then detect for each attribute for anomalies.

HybridAlgorithm:

Extends linearAlgorithm class, has 2 ways to detect the Anomalies – linear and circle.

AnomalyDetectionUtil:

All the basic function to find the correlated feature.

AnomalyReport:

Keep a pair of anomaly and timestep.

Shapes:

3 classes for the shapes we need for the app, line, point and circle.

TimeSeries:

Convert a csv file to a map so we can access each attribute and its values.