Notes

Category Idea

# Data classification

(Choi et al. 2021)

## Variatibility

* Univariate
  + One sensor
* Multivariate
  + More sensor

## NONSTATIONARITY

* Seasonality:
  + Periodic pattern
* Concept drift
  + Change of the statistical distribution
* Change point.
  + Drastic condition change

# Method type

## Classical

* linear model-based methods
* distance-based methods
* density-based methods
* support vector machines
* Predictive model

A diagram of a flowchart

Description automatically generated

(Zhang et al. 2023)

(Choi et al. 2021)

Publication bibliography

Choi, Kukjin; Yi, Jihun; Park, Changhwa; Yoon, Sungroh (2021): Deep Learning for Anomaly Detection in Time-Series Data: Review, Analysis, and Guidelines. In *IEEE Access* 9 (99), pp. 120043–120065. DOI: 10.1109/ACCESS.2021.3107975.

Zhang, Aoqian; Deng, Shuqing; Cui, Dongping; Yuan, Ye; Wang, Guoren (2023): An Experimental Evaluation of Anomaly Detection in Time Series. In *Proc. VLDB Endow.* 17 (3), pp. 483–496. DOI: 10.14778/3632093.3632110.