Outlier Detection Techniques for Wireless Sensor

Networks: A Survey

In WSN, which are constantly recording data they are prone to errors and recording data which is noisy and does not conform with the predetermined standards. These data points are called as outliers and are a result of noise error, events, malicious attacks etc. Conventional techniques aren’t directly applicable as the nature of WSN is different because they are dynamic in nature. This paper provides an overview of existing outlier detection techniques specifically developed for WSN. This paper also provides a quantitative comparative study of the various techniques and provides a guideline to select a technique suitable for the application.