OUTLIER DETECTION IN DATA STREAMS

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Suggested Paper: Outlier detection in Feature evolving data streams:
http://www.kdd.org/kdd2018/accepted-papers/view/xstream-outlier-detection-in-feature-evolving-data-streams

Distance and clustering based approaches:
1. Detecting distance-based outliers in streams of data:
   https://dl.acm.org/citation.cfm?id=1321552
2. Distance based outlier detection in data streams (Comparative work):
   https://dl.acm.org/citation.cfm?id=2994526
3. A framework for clustering evolving data streams (Check sections devoted to outlier detection using clustering): https://dl.acm.org/citation.cfm?id=1315460

Ensemble methods:
1. Learning model trees from evolving data streams (Need to browse through the outlier detection part only): https://link.springer.com/article/10.1007/s10618-010-0201-y
2. Outlier ensembles:
   a. https://dl.acm.org/citation.cfm?id=2481252
   b. https://dl.acm.org/citation.cfm?id=2830549
3. Feature bagging for outlier detection: https://dl.acm.org/citation.cfm?id=1081891
4. Subspace outlier detection in linear time using randomized hashing:
   http://charuaggarwal.net/linearout.pdf
5. Sequential ensemble learning for outlier detection:
   https://ieeexplore.ieee.org/abstract/document/7837967/

Streaming methods:
1. Partitioning the representation space:
   a. Fast anomaly detection for streaming data
      http://www.aaai.org/ocs/index.php/IJCAI/IJCAI11/paper/download/3229/3469
   b. RS-Forest: https://ieeexplore.ieee.org/abstract/document/7023377/
2. Other Methods
   a. SPOT: A system for detecting projected outliers from high dimensional data streams: https://ieeexplore.ieee.org/document/4497638/
   b. Anyout: Any time outlier detection in streaming data:
      https://link.springer.com/chapter/10.1007/978-3-642-29038-1_18

Surveys and old papers:
1. Anomaly detection: A survey: https://dl.acm.org/citation.cfm?id=1541882
2. Outlier detection in high dimensionality datasets:
   https://dl.acm.org/citation.cfm?id=375668
3. Outlier detection for temporal data: A survey:
   https://ieeexplore.ieee.org/abstract/document/6684530/