

Project Topic: Anomaly Detection on Streaming Finance Data

Team Members:

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Technique/Algorithm:

1. Data preprocessing involving feature selection and normalization.
2. Algorithm implemented from **scratch**: KMeans clustering algorithm (Alternate option: One class SVM).
3. Additional analysis is done using Anomaly detection toolkit in Python.
4. Results: Notify about the anomaly in the data.

Dataset details: Yahoo API in Python for finance data.

Coding Language: Python and PySpark (preferably in DataBricks).