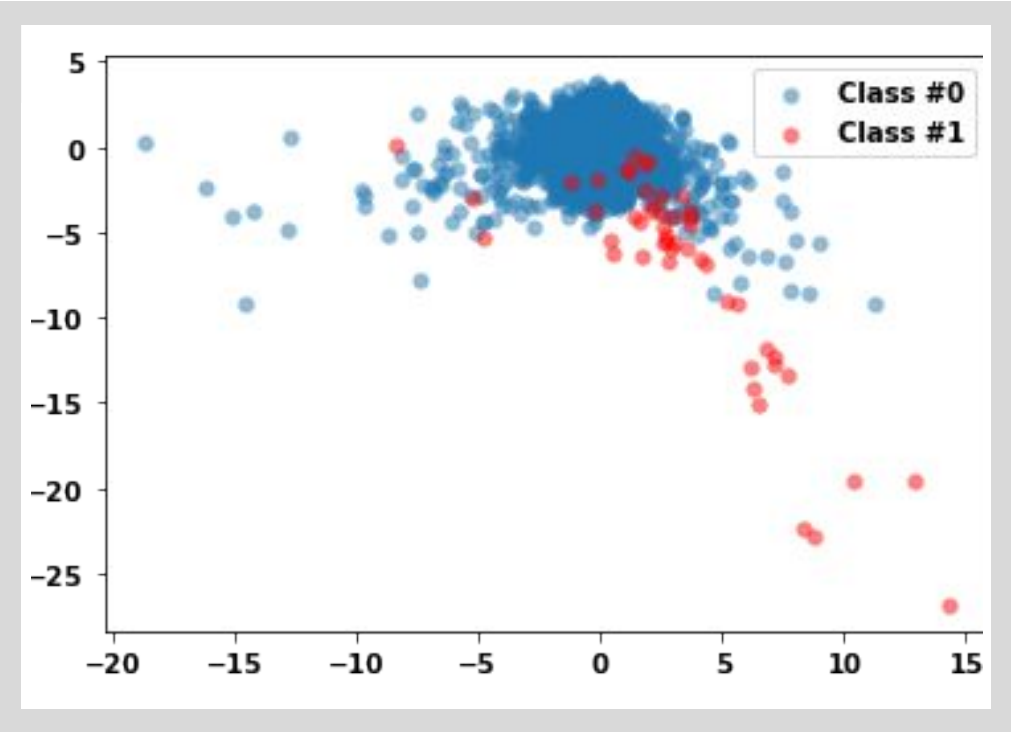
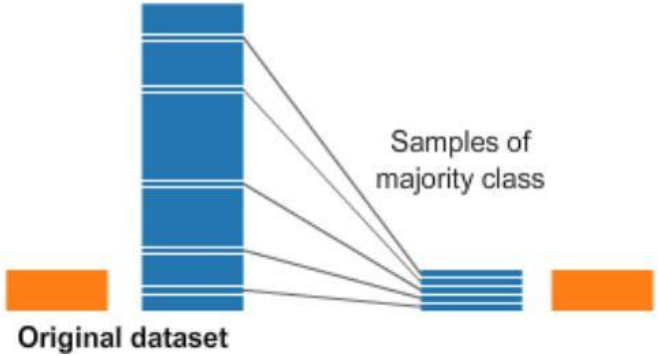
FRAUD DETECTION

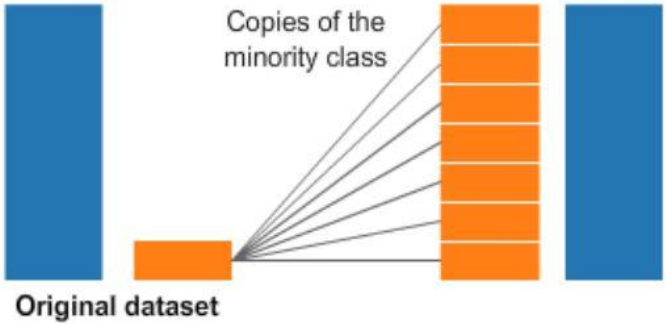
What is fraud detection?



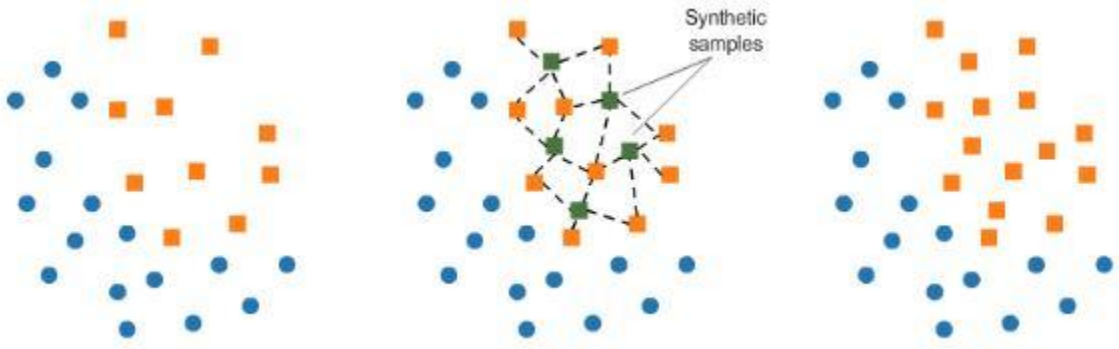
Resampling methods

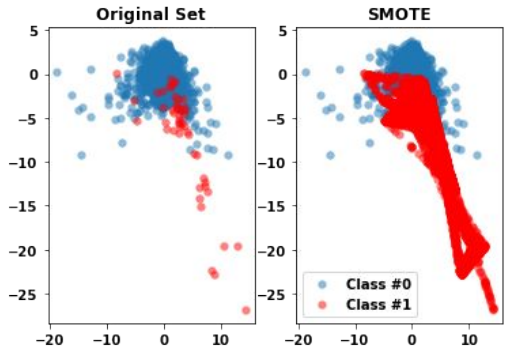


Undersampling



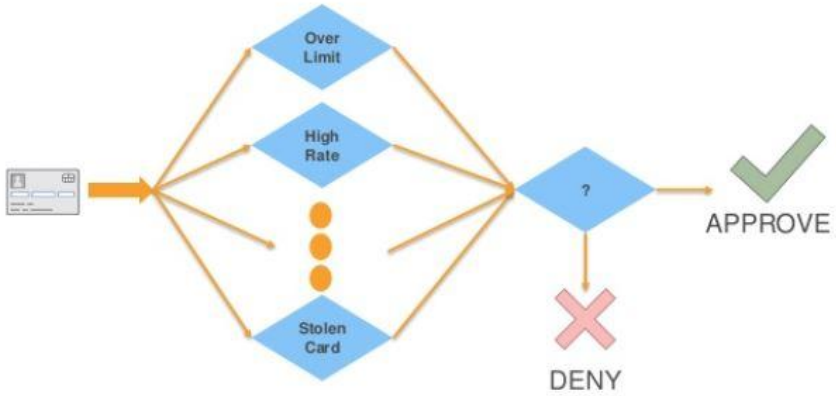
Oversampling

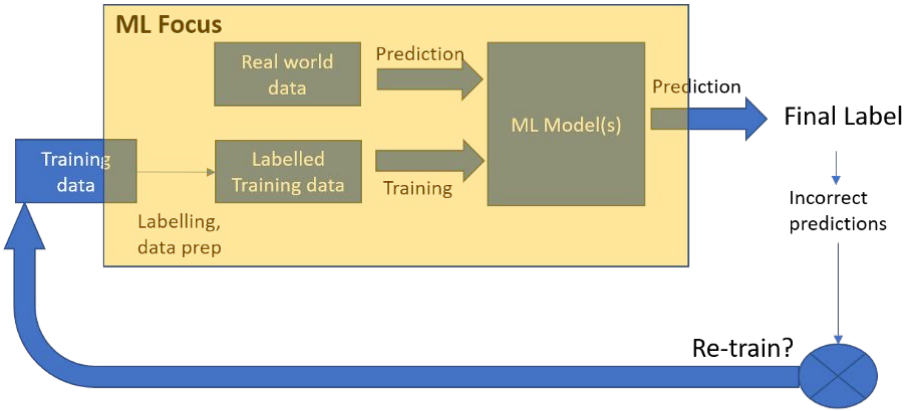




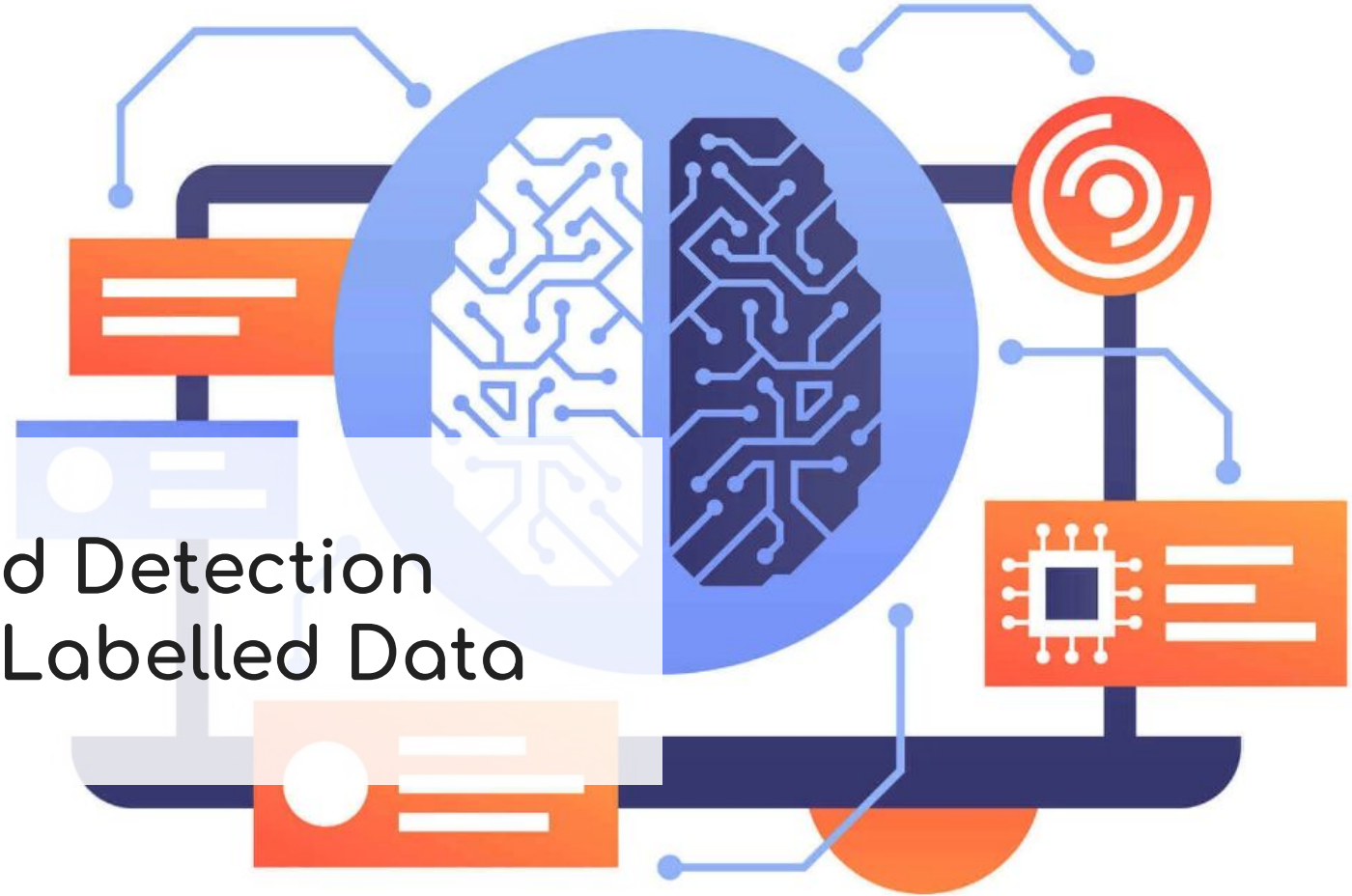
SMOTE

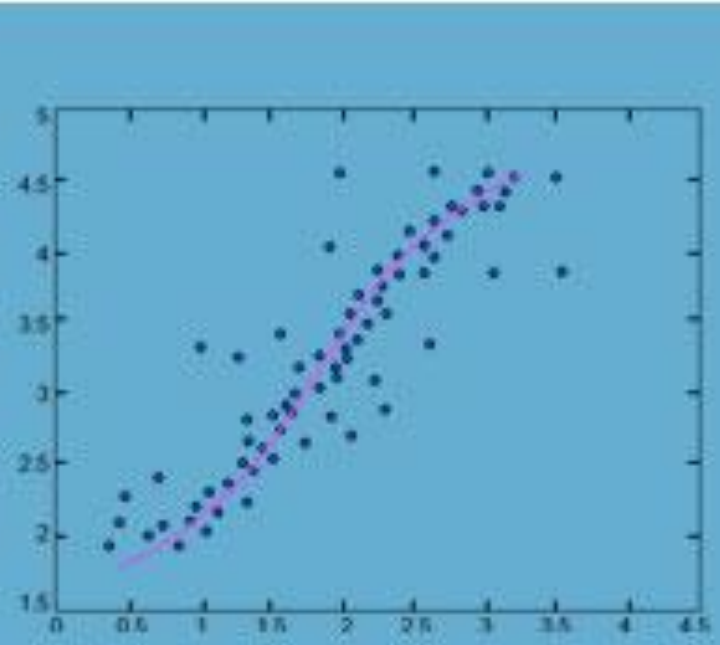
Rule Based Systems or ML Systems





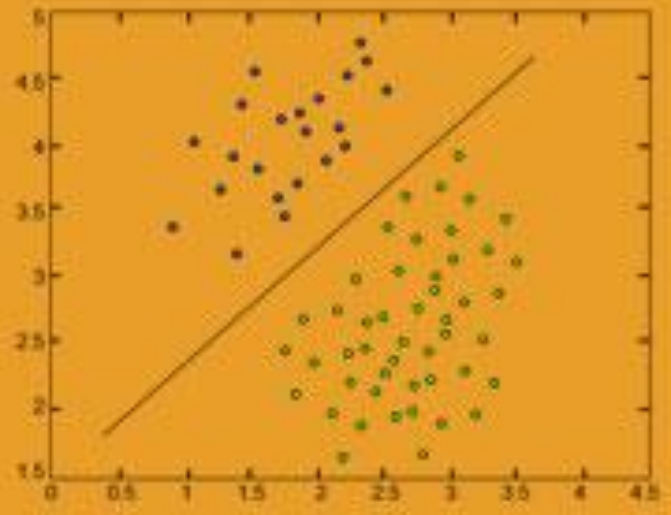
Fraud Detection with Labelled Data





Regression

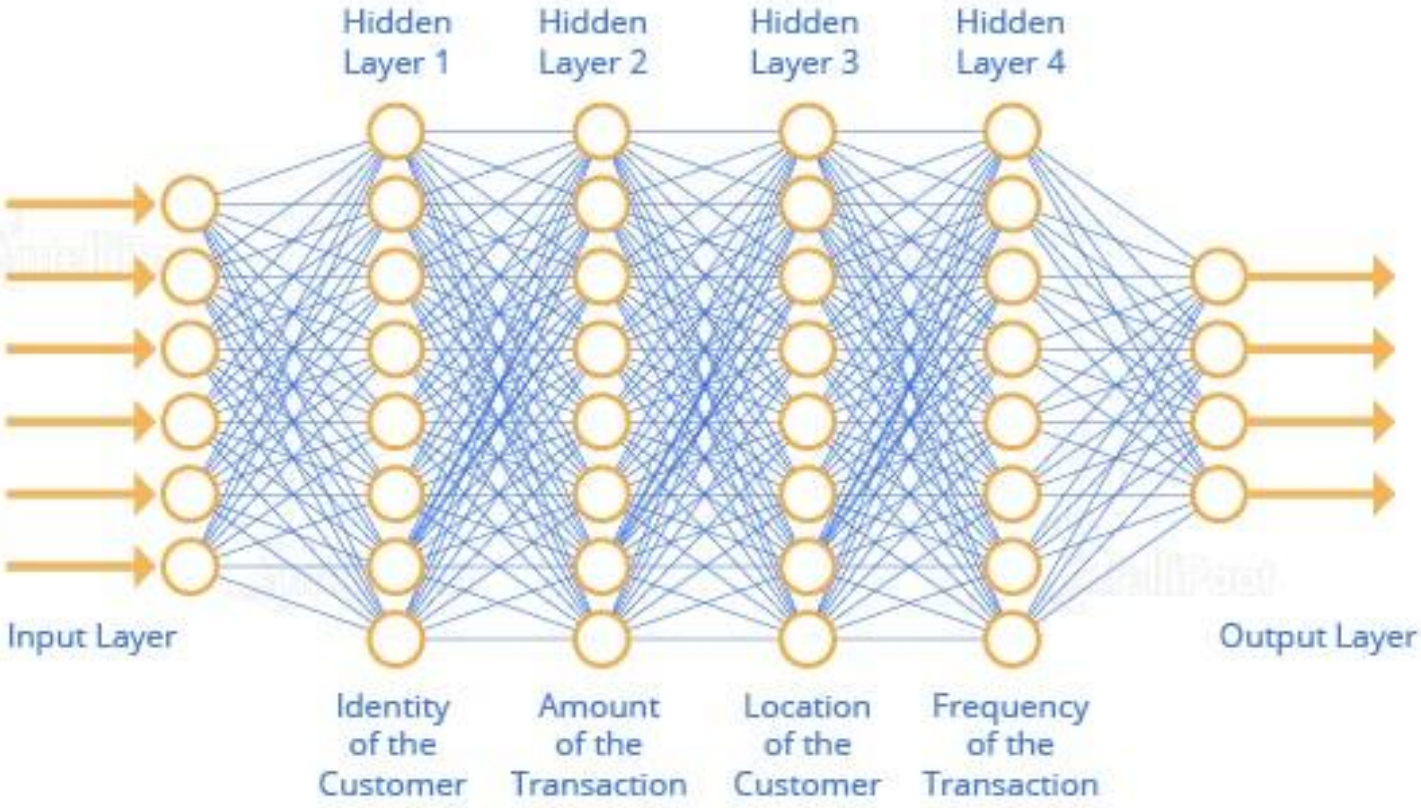
VS



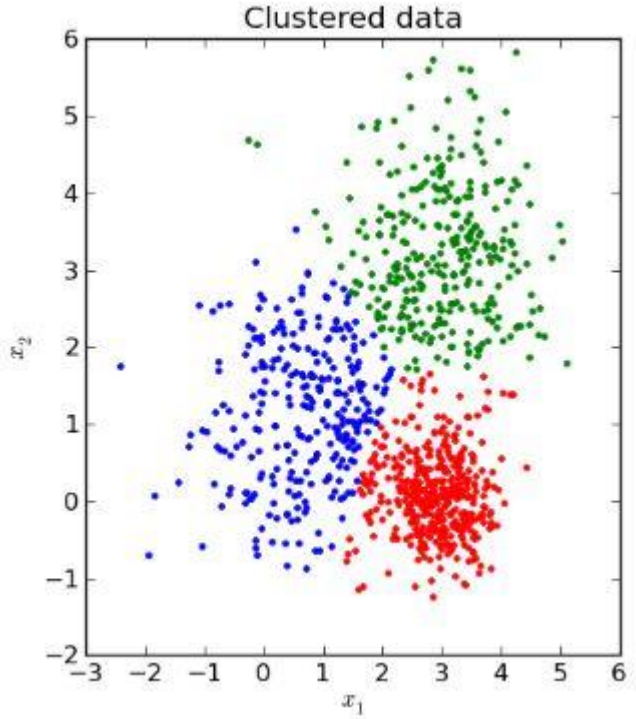
Classification

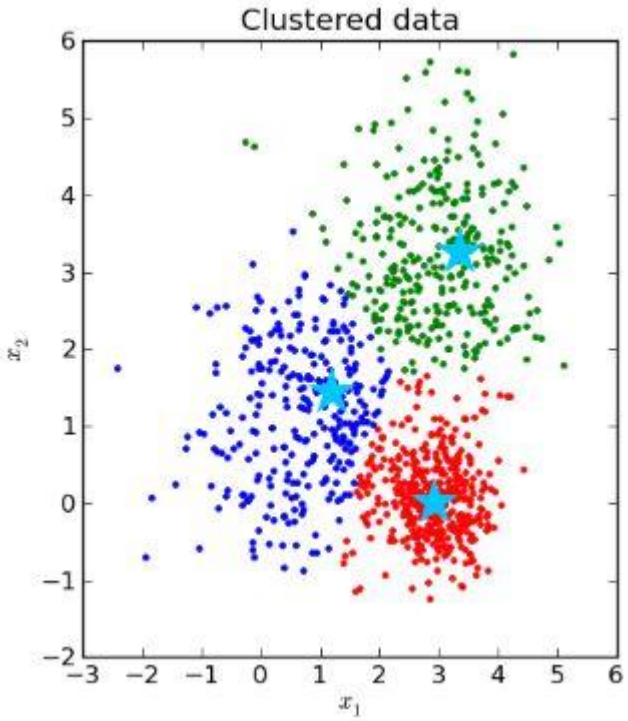
Types of Classification Algorithm

- Logistic Regression
- Decision Tree
- Random Forest
- Neural Network

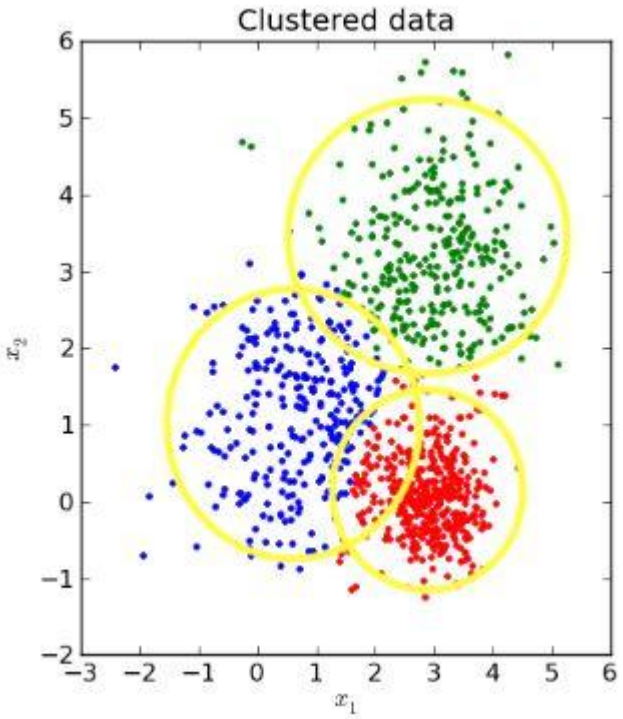

Hidden Layer 1
Hidden Layer 2
Hidden Layer 3
Hidden Layer 4
Input Layer
Output Layer
Identity of the Customer
Amount of the Transaction
Location of the Customer
Frequency of the Transaction

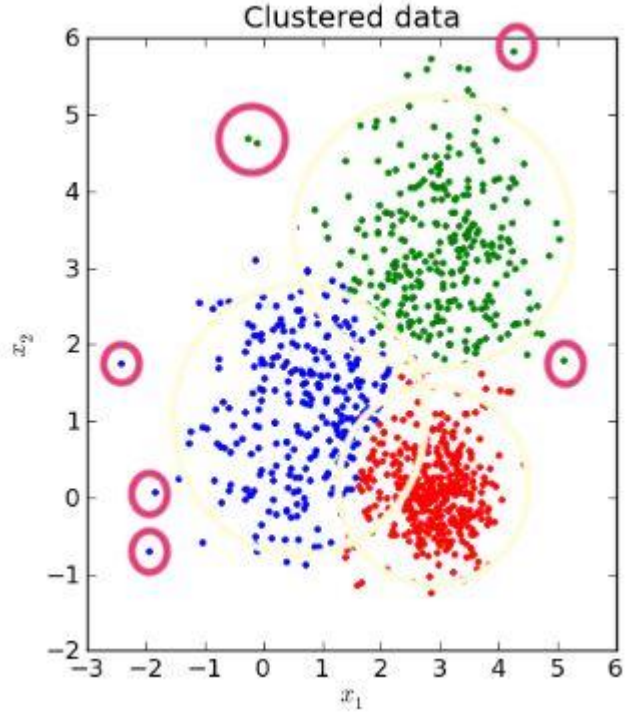
Fraud detection using unlabeled data (unsupervised learning)



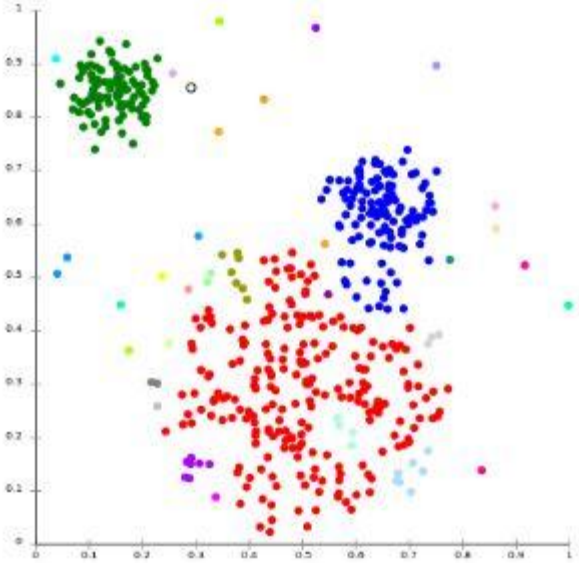


Finding outliers





DBSCAN



Other clustering algorithms

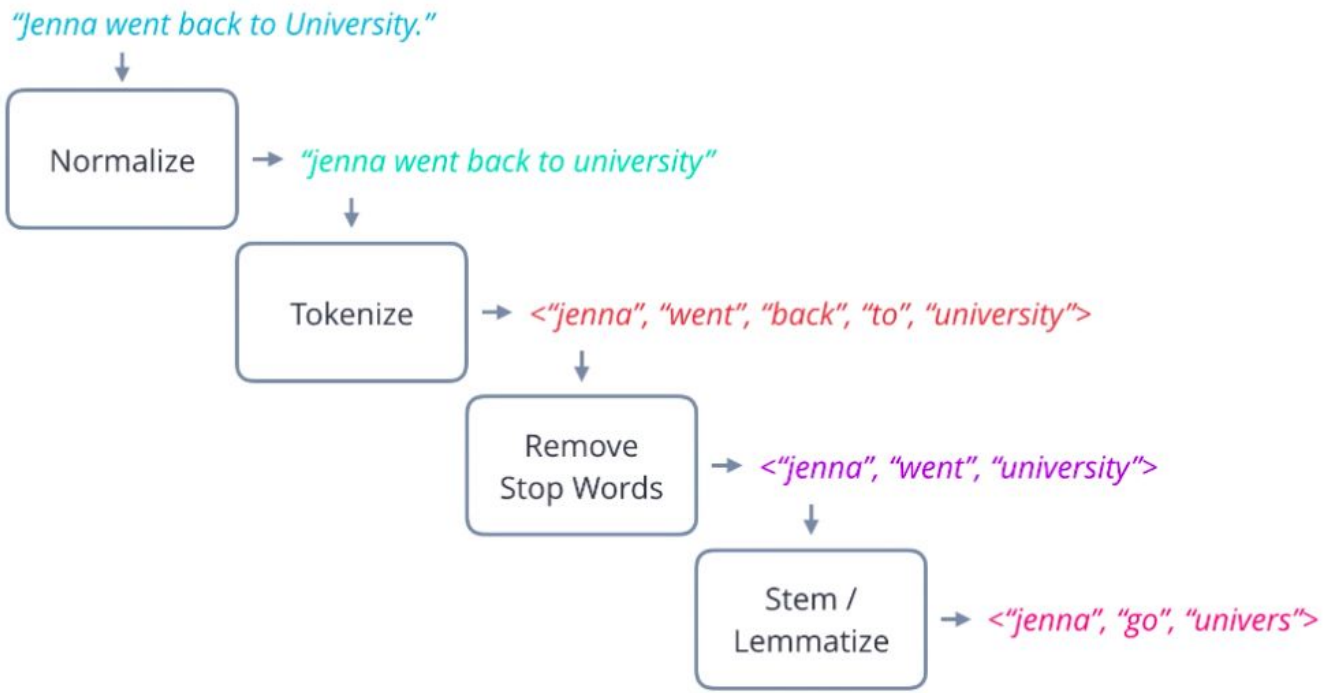
Mean-shift

Spectral

Ward

OPTICS

FRAUD DETECTION
USING TEXT



Working With Textual Data

THANK YOU FOR LISTENING