

Classifying Crime & Terrorism Tweets

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Project Aim: To collect tweets from twitter. Use different text classification techniques to label tweets as crime and terrorism related. From the volume of crime and terrorism tweets determine the safety of the city of London.

Supervised Learning Techniques Used :

- Support Vector Machines
- K Neighbors
- Logistic Regression
- Multinomial Naïve Bayes
- Decision Trees
- Random Forrest
- Ada Boost
- Neural Network Multilayer Perceptron

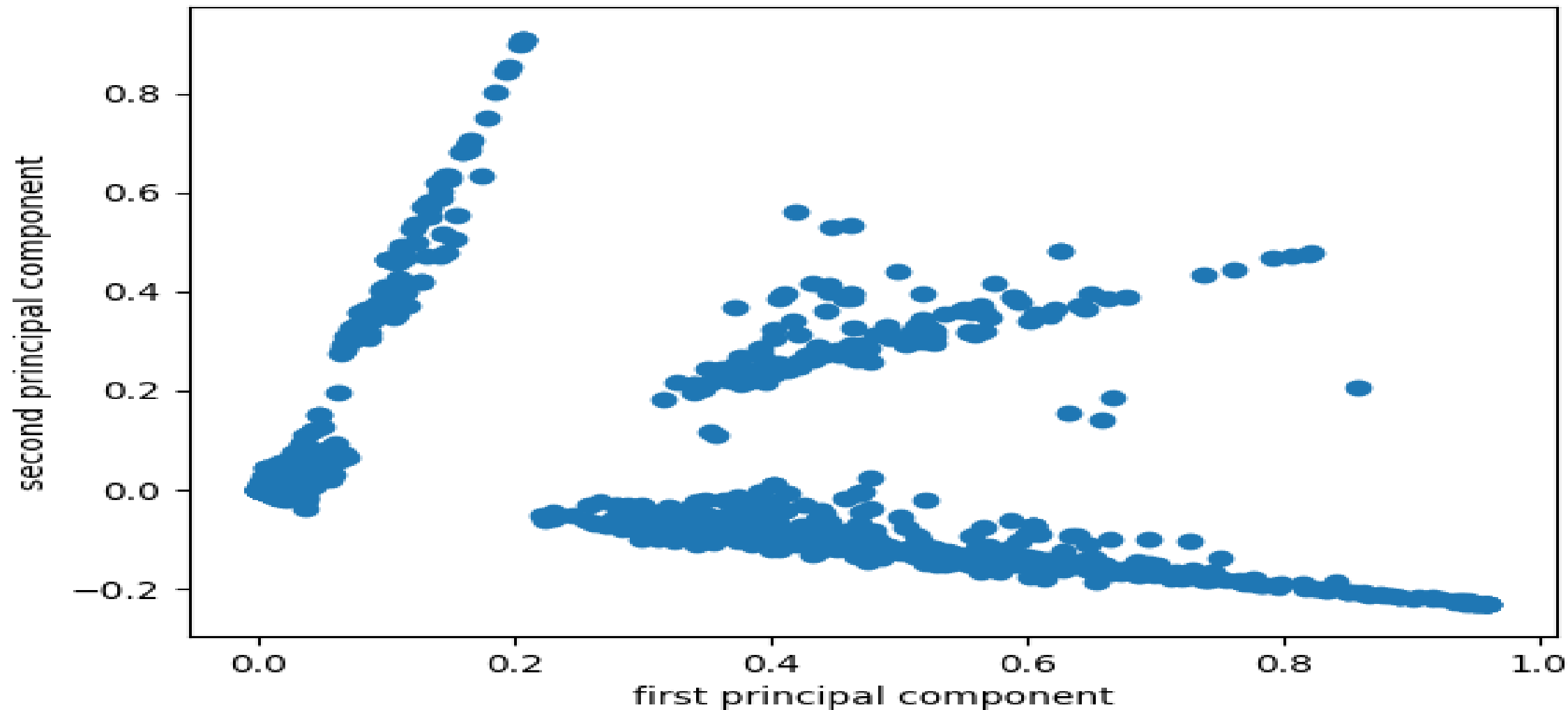


Unsupervised Learning Techniques Used:

- Latent Semantic Analysis
- Latent Dirichlet Allocation



Plot of points against LSA principal components



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