# Tutorial 10

Data Cleaning

Application

Description automatically generated with low confidence

Vectorizer | TFIDF

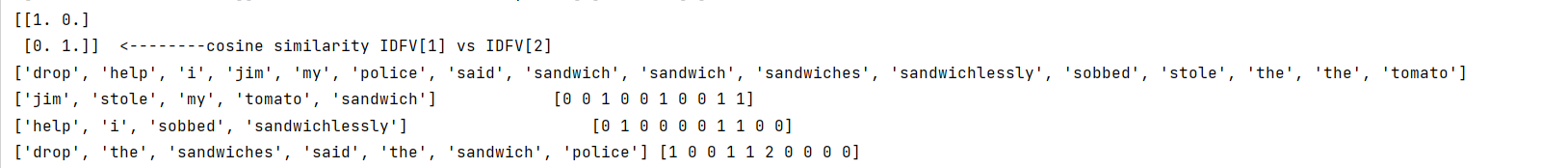
Calendar

Description automatically generated

NLP Example with Spam

A picture containing text

Description automatically generated



A picture containing calendar

Description automatically generated