# Analysis Report

## 1. Sentiment Analysis Results

Caption 1: Positive

Caption 2: Positive

Caption 3: Positive

Caption 4: Positive

Caption 5: Positive

Caption 6: Positive

Caption 7: Positive

Caption 8: Positive

Caption 9: Neutral

Caption 10: Positive

Caption 11: Positive

Caption 12: Negative

Caption 13: Negative

Caption 14: Positive

Caption 15: Positive

## 2. Most Common Words

city: 8

India: 7

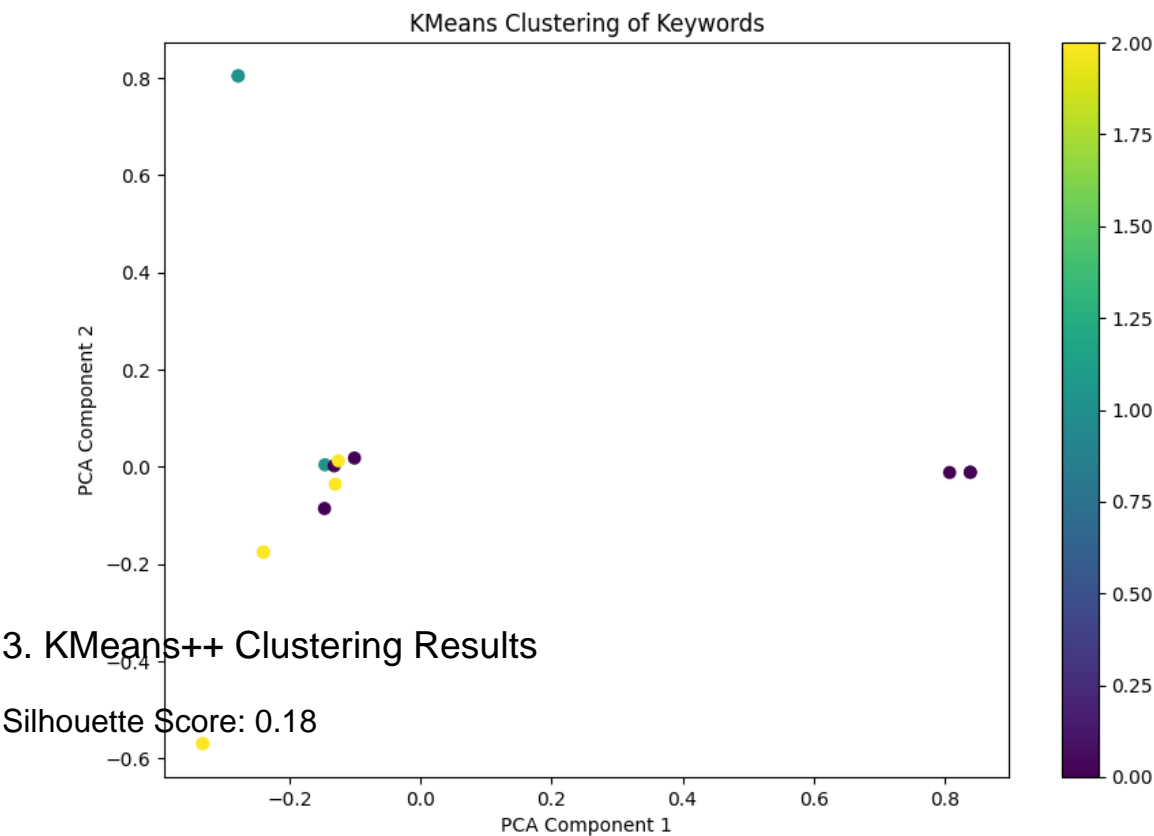monsoon: 5

December: 5

pm: 5

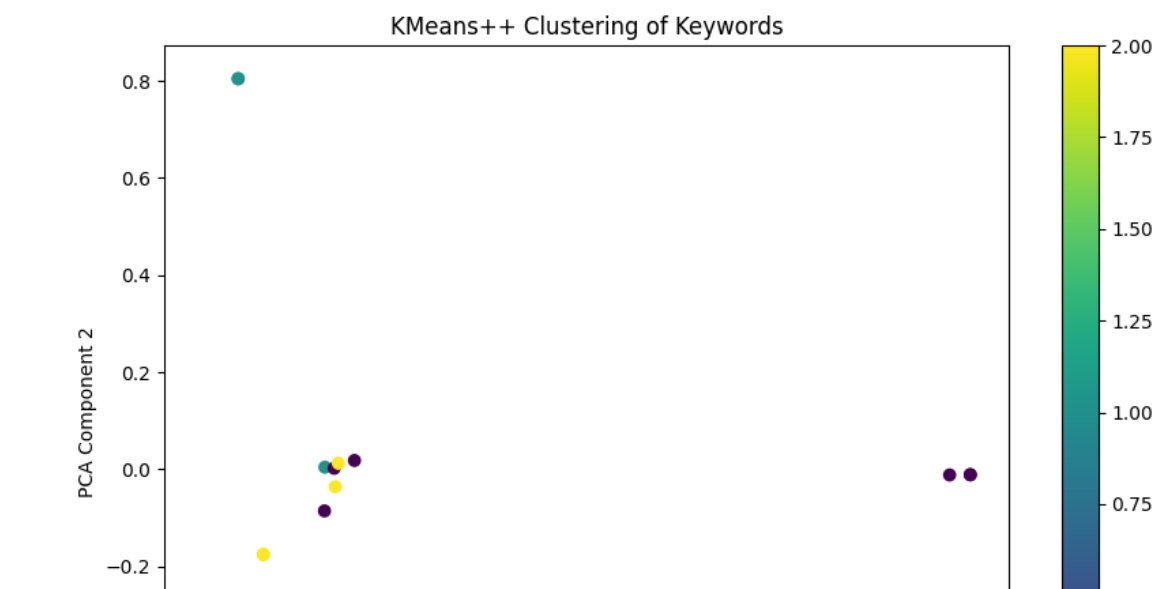flood: 5

Chennai: 4

cyclone: 4

claimed: 4

lives: 4

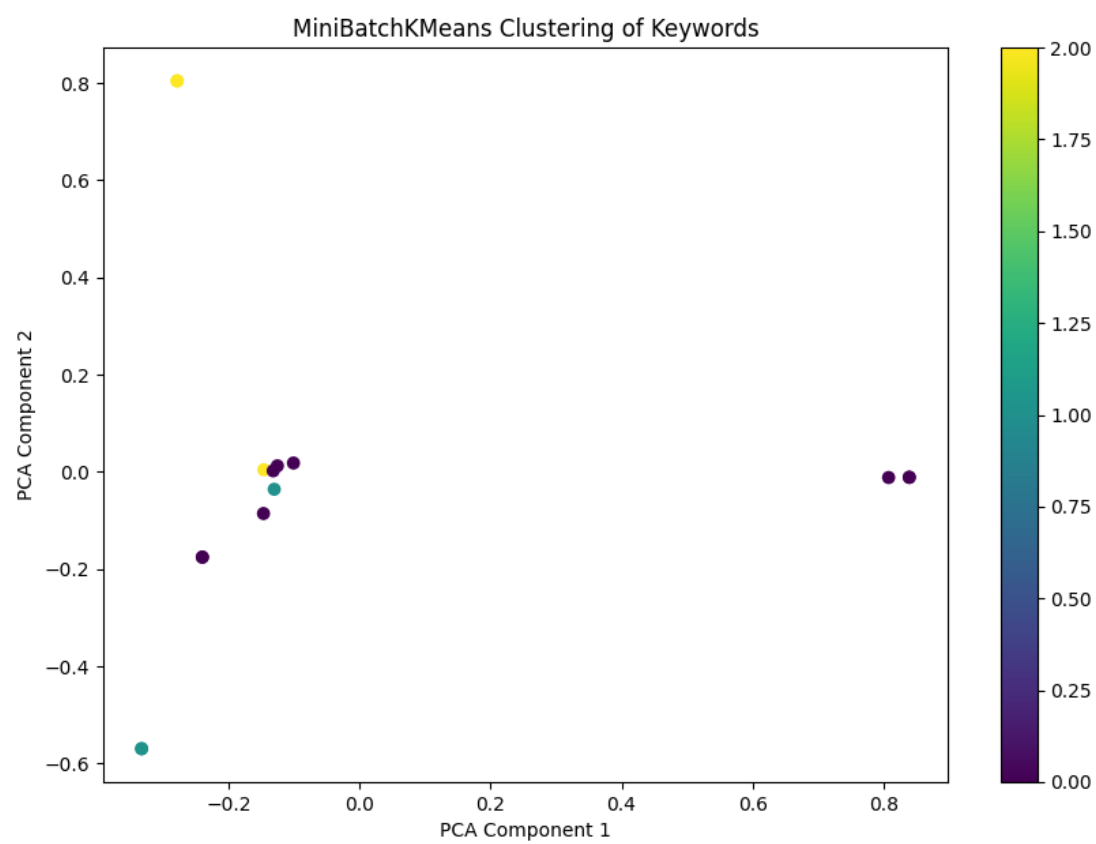## 3. KMeans Clustering Results

Silhouette Score: 0.18



KMeans Clustering of Keywords

## 3. KMeans++ Clustering Results

Silhouette Score: 0.18



KMeans++ Clustering of Keywords

# 3. MiniBatchKMeans Clustering Results

Silhouette Score: 0.19



MiniBatchKMeans Clustering of Keywords

# 4. Word Cloud of Keywords