# Exhibit\_F\_C

**(c) Track how often social media mentions CMTA, both in aggregate and by pertinent discussion topic.**

Our interpretation: Mine social media data mentioning CMTA—in total. Also categorize data mentioning CMTA.

## Example

## How will we achieve this?

1. Implement a search using a twitter crawler, and plot frequency over time
2. Implement a clustering algorithm to determine what the topics of discussion are

## Resources/Tools/References?

A: Papers

# Data clustering: 50 years beyond K-means

1. Clustering Social Networks
2. Mining the Attitude of Social Network Users using K-means Clustering

# Clustering on Dynamic Social Network Data

B: Blog posts

1. <https://hackernoon.com/classifying-tweets-with-amazon-ml-146e5f0d99b1> (ML using Amazon)

C: Others