Mind Body Green's Audience Tweet Analysis

Overview of Data

mbg_aud_tweets

Tweets	Time	Id	
	Thu Aug 06 20:54:57 +0000 2020	101619625	0
August th is and we have a special sale to hel	Thu Aug 06 15:30:03 +0000 2020	1287731622352125953	1
	Sat Aug 08 01:31:57 +0000 2020	2182048904	2
: That time youre driving in Virginia and the	Sat Aug 08 01:56:19 +0000 2020	1291892079086501888	3
: As a nephrologist, I prescribed HCQ (plaquen	Mon Aug 03 13:50:24 +0000 2020	1289256723107196929	4
: Saw Texas Roadhouse trending and thought som	Tue Aug 04 21:20:38 +0000 2020	1673239740	752
: Coronavirus timeline	Wed Aug 05 15:52:41 +0000 2020	567244654	753
I just sent a letter to asking her to please j	Fri Aug 07 12:41:52 +0000 2020	984442240960413697	754
Making the Transition A defining factor in the	Wed Aug 05 13:39:53 +0000 2020	1039559305589084162	755
He was the best, a legend indeed. Rest in Peac	Sat Jul 25 21:57:31 +0000 2020	947177384620515328	756

757 rows × 3 columns

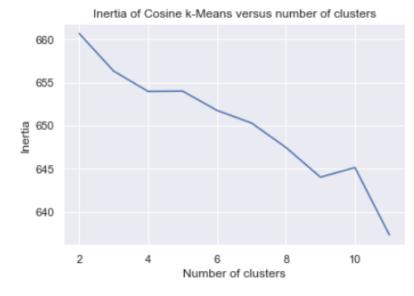
Word Cloud



Most of Tweets are about Love, Need, People and Life. Some meaningless words include:

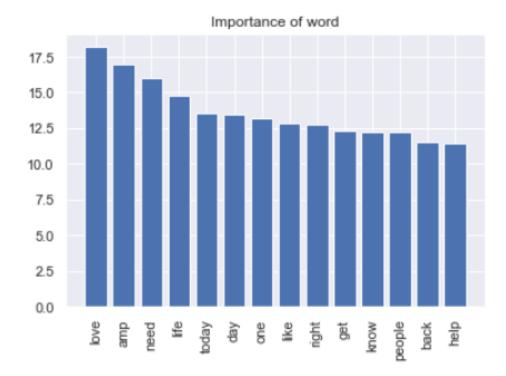
- "Nan" means null value of text
- "Amp" means a tag of HTML

Determine number of Tweet Clusters



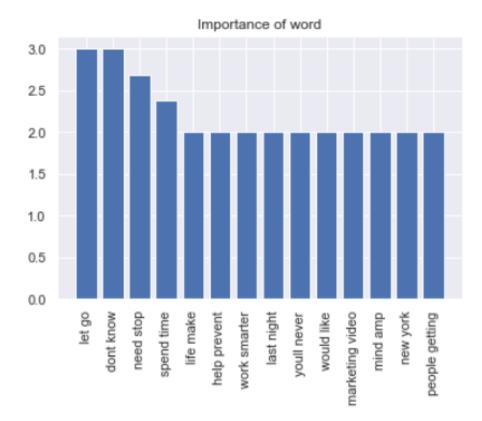
Unigram Cluster

```
['love', 'amp', 'need']
['nan', 'sure', 'always']
['know', 'dr', 'week']
['want', 'dont', 'work']
```



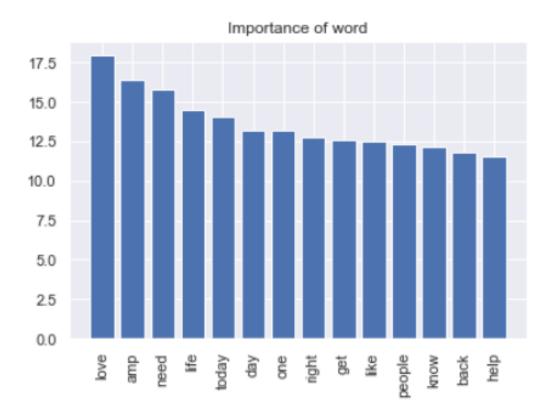
Bigram Cluster

```
['altura de', 'avoid food', 'award winning']
['piece dispelling', 'way always', 'really cute']
['way always', 'youll never', 'altura de']
['rest peace', 'way always', 'wearing mask']
```

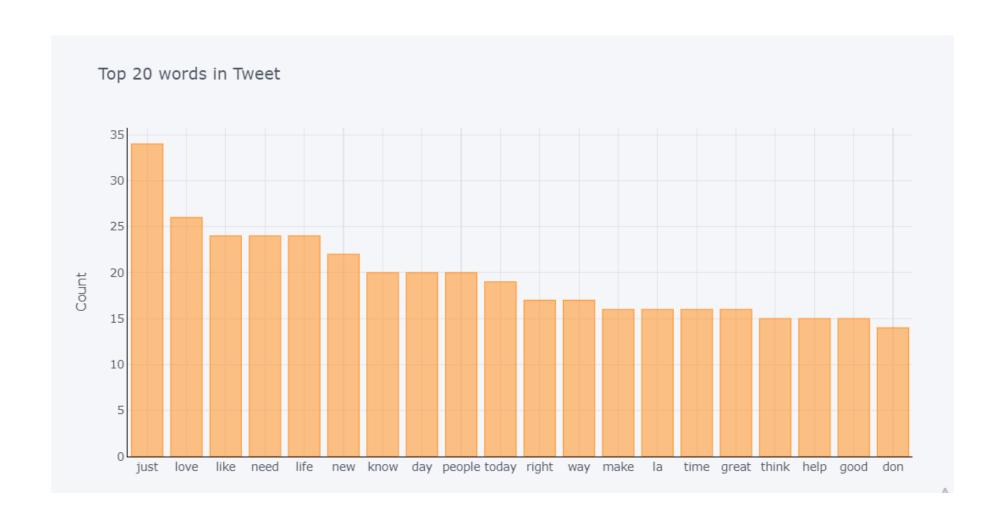


Unigram & Bigram

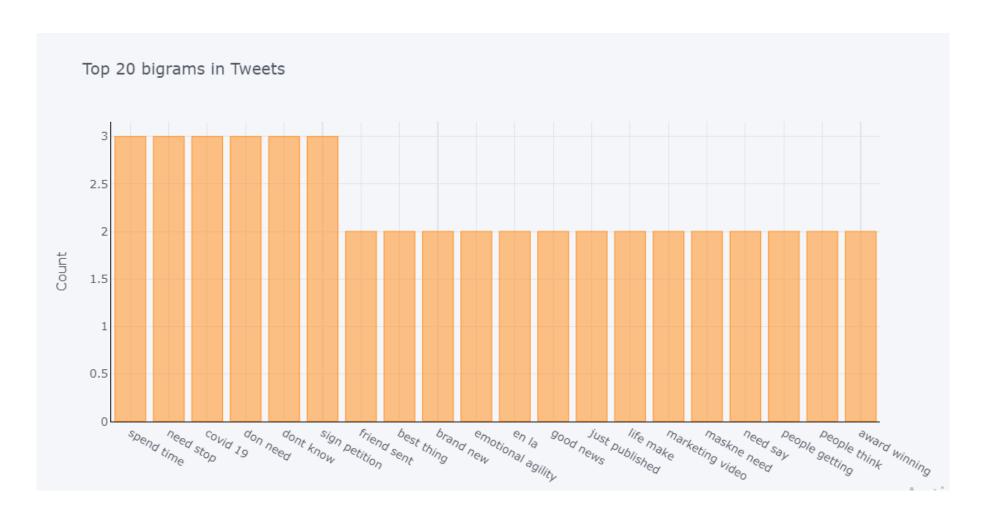
```
['always', 'amp', 'around', 'back', 'beautiful']
['product', 'week', 'thank', 'could', 'well']
['week', 'youre', 'always', 'amp', 'around']
['thing', 'week', 'well', 'via', 'want']
```



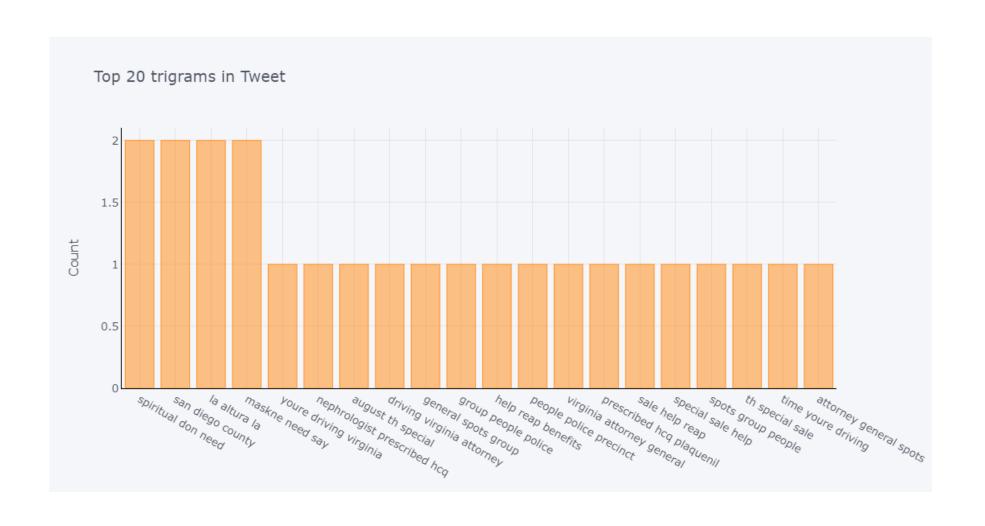
Distribution of Word - Unigram



Distribution of Word - Bigram



Distribution of Word - Trigram



Latent semantic analysis

```
Topic 1: love society fear
Topic 2: just like day
```

Topic 3: good pretty health Topic 4: need people today Topic 5: thank don sent

Topic 6: right life beautiful

