```
GENDER_CLUSTERS_HASHTAGS_COUNTS
[51.116, 48.884] :
                   65
[77.013, 22.987]:
                   40
[15.632, 84.368] :
                   7
[41.059, 58.941]:
                   33
[61.176, 38.824]:
                   58
RACE_CLUSTERS_HASHTAGS_COUNTS
[81.95, 8.004, 10.046] : 42
[71.041, 16.52, 12.438] : 49
[34.711, 50.512, 14.777] :
[93.806, 3.629, 2.565]: 13
[57.692, 13.62, 28.688] :
[76.218, 12.447, 11.335] :
[62.383, 24.288, 13.329] :
AGE_CLUSTERS_HASHTAGS_COUNTS
[16.311, 0.205, 76.618, 6.865]:
[11.013, 0.366, 68.648, 19.973] :
[1.499, 0.101, 95.434, 2.966]: 6
[17.258, 0.578, 64.103, 18.061] :
[16.298, 0.217, 69.961, 13.524] :
[25.969, 0.274, 64.484, 9.273] :
[11.664, 1.27, 58.565, 28.502] :
GENDER [MALE, FEMALE]
              [51.116, 48.884]
CLUSTER: 0:
christmas :::
               11437.0
```

# 

38

31

17

Christmas 11347.0 :::

tbt ::: 9409.0

HappyNewYear ::: 9300.0

vote ::: 7024.0

ElectionDay ::: 6696.0 merrychristmas :::

LivePD ::: 5898.0

thanksgiving ::: 5589.0

snow ::: 5278.0

GoldenGlobes ::: 4981.0

BirdBox ::: 4886.0 BeAVoter ::: 4564.0

#### CLUSTER: 1 : [77.013, 22.987]

MAGA ::: 10996.0

FlyEaglesFly ::: 7862.0

RAW ::: 7809.0

RoyalRumble ::: 7471.0

NFL ::: 7250.0 SDLive ::: 5679.0 Browns ::: 5665.0 Eagles ::: 4794.0 Colts ::: 4008.0

Patriots ::: 3934.0
DaBears ::: 3913.0
Chiefs ::: 3900.0
Texans ::: 3527.0

#### CLUSTER: 2 : [15.632, 84.368]

TheBachelor ::: 6021.0

job ::: 2868.0 hiring ::: 1262.0 Healthcare ::: 826.0 Nursing ::: 594.0

IT ::: 96.0

Hospitality ::: 60.0

## CLUSTER: 3: [41.059, 58.941]

family ::: 10134.0

SurvivingRKelly ::: 6275.0

thankful ::: 4066.0
2018Wrapped ::: 3590.0
TheMaskedSinger ::: 3520.0
MyEmojiYear ::: 3248.0
happynewyear ::: 3124.0
BellLetsTalk ::: 2562.0
GivingTuesday ::: 2460.0
VoteBlue ::: 2003.0

voteBlue ::: 2003.0 newyear ::: 1976.0

ElectionDay2018 ::: 1954.0 christmas2018 ::: 1870.0

## CLUSTER: 4: [61.176, 38.824]

Repost ::: 19286.0
TrumpResign ::: 7808.0
KylerMurray ::: 7667.0
TrumpShutdown ::: 7547.0
RollTide ::: 7519.0

TuaTagovailoa ::: 7056.0
Thanksgiving ::: 6824.0
DallasCowboys ::: 6193.0
MerryChristmas ::: 6102.0
ChiefsKingdom ::: 5237.0

NationalChampionship ::: 4915.0

TBT ::: 4773.0

DwayneHaskins ::: 4622.0

## 

#### RACE [WHITE, BLACK, ASIAN]

## CLUSTER: 0 : [81.95, 8.004, 10.046]

Christmas ::: 11347.0
TrumpResign ::: 7808.0
TheBachelor ::: 6021.0

LivePD ::: 5898.0 Browns ::: 5665.0

snow ::: 5278.0 GoBucks ::: 4024.0 Patriots ::: 3934.0 Chiefs ::: 3900.0 Bears ::: 3288.0

BellLetsTalk ::: 2562.0

CES2019 ::: 2205.0 NEvsKC ::: 2054.0

## CLUSTER: 1 : [71.041, 16.52, 12.438]

tbt ::: 9409.0

HappyNewYear ::: 9300.0 FlyEaglesFly ::: 7862.0

RAW ::: 7809.0

KylerMurray ::: 7667.0
RollTide ::: 7519.0
RoyalRumble ::: 7471.0
TuaTagovailoa ::: 7056.0
DallasCowboys ::: 6193.0

SDLive ::: 5679.0

ChiefsKingdom ::: 5237.0 GoldenGlobes ::: 4981.0

Eagles ::: 4794.0

#### CLUSTER: 2 : [34.711, 50.512, 14.777]

SurvivingRKelly ::: 6275.0 SurvivingRKellly ::: 861.0

# CLUSTER: 3: [93.806, 3.629, 2.565]

job ::: 2868.0

ResignTrump ::: 1492.0

hiring ::: 1262.0 Veterans ::: 1159.0

BoycottTrumpsAddress ::: 959.0

Hiring ::: 924.0
Healthcare ::: 826.0
Nursing ::: 594.0
Sales ::: 450.0
Jobs ::: 336.0
Job ::: 290.0

Hospitality ::: 60.0

#### CLUSTER: 4: [57.692, 13.62, 28.688]

BTS ::: 1375.0

HR ::: 184.0

MissUniverse ::: 565.0 ROHFinalBattle ::: 276.0

# CLUSTER: 5 : [76.218, 12.447, 11.335]

christmas ::: 11437.0

MAGA ::: 10996.0 family ::: 10134.0

TrumpShutdown ::: 7547.0

NFL ::: 7250.0

vote ::: 7024.0

Thanksgiving ::: 6824.0 ElectionDay ::: 6696.0 MerryChristmas ::: 6102.0 merrychristmas ::: 5946.0 thanksgiving ::: 5589.0

NationalChampionship ::: 4915.0

DwayneHaskins ::: 4622.0

#### CLUSTER: 6 : [62.383, 24.288, 13.329]

Repost ::: 19286.0 BirdBox ::: 4886.0 TBT ::: 4773.0 WhoDat ::: 3596.0

MyEmojiYear ::: 3248.0 Bandersnatch ::: 1734.0 RavensFlock ::: 1635.0

MLKDay ::: 1525.0 MLK ::: 1069.0

2018Memory ::: 1012.0

mlk ::: 399.0 MLK2019 ::: 356.0 VoiceFinale ::: 263.0

# 

AGE ['-20', '65+', '20-40', '40-65']

#### CLUSTER: 0 : [16.311, 0.205, 76.618, 6.865]

RAW ::: 7809.0 SDLive ::: 5679.0 job ::: 2868.0

AllStars4 ::: 2113.0
TitanUp ::: 1895.0
RavensFlock ::: 1635.0
EverythingWeGot ::: 1409.0

halloween ::: 1320.0 hiring ::: 1262.0 Survivor ::: 1169.0 goldenglobes ::: 1080.0

BoycottTrumpsAddress ::: 959.0

RoyalRumble2019 ::: 317.0

#### CLUSTER: 1 : [11.013, 0.366, 68.648, 19.973]

christmas ::: 11437.0 Christmas ::: 11347.0 Thanksgiving ::: 6824.0

LivePD ::: 5898.0 snow ::: 5278.0 Eagles ::: 4794.0 Colts ::: 4008.0 Chiefs ::: 3900.0 Texans ::: 3527.0 Bears ::: 3288.0

NFLPlayoffs ::: 3264.0 CFBPlayoff ::: 3256.0

WWE ::: 2693.0

CLUSTER: 2 : [1.499, 0.101, 95.434, 2.966]

Healthcare ::: 826.0 Nursing ::: 594.0 Sales ::: 450.0 IT ::: 96.0

Hospitality ::: 60.0

Retail ::: 6.0

CLUSTER: 3: [17.258, 0.578, 64.103, 18.061]

family ::: 10134.0 KvlerMurray ::: 7667.0 TuaTagovailoa ::: 7056.0 MerryChristmas ::: 6102.0

Browns ::: 5665.0

ChiefsKingdom ::: 5237.0

NationalChampionship ::: 4915.0

BeAVoter ::: 4564.0 GoDawgs ::: 4435.0 Patriots ::: 3934.0

WPMOYChallenge ::: 3736.0 HappyThanksgiving ::: 3653.0

Saints ::: 3457.0

CLUSTER: 4: [16.298, 0.217, 69.961, 13.524]

Repost ::: 19286.0 tbt ::: 9409.0

FlyEaglesFly ::: 7862.0 RollTide ::: 7519.0 RoyalRumble ::: 7471.0

vote ::: 7024.0

ElectionDay ::: 6696.0 DallasCowboys ::: 6193.0 merrychristmas ::: 5946.0 thanksgiving ::: 5589.0 GoldenGlobes ::: 4981.0

TBT ::: 4773.0

CowboysNation ::: 4299.0

CLUSTER: 5 : [25.969, 0.274, 64.484, 9.273]

HappyNewYear ::: 9300.0 SurvivingRKelly ::: 6275.0 TheBachelor ::: 6021.0 BirdBox ::: 4886.0

DwavneHaskins ::: 4622.0

GoBucks ::: 4024.0

SECChampionship ::: 3645.0

WhoDat ::: 3596.0 2018Wrapped ::: 3590.0 MyEmojiYear ::: 3248.0 ALLIN ::: 2715.0

BellLetsTalk ::: 2562.0 Bandersnatch ::: 1734.0

CLUSTER: 6: [11.664, 1.27, 58.565, 28.502]

MAGA ::: 10996.0

TrumpResign ::: 7808.0 TrumpShutdown ::: 7547.0

NFL ::: 7250.0

Jets ::: 2897.0

VoteBlue ::: 2003.0

ResignTrump ::: 1492.0

ImpeachTheMF ::: 1370.0

RogerStone ::: 835.0

SOTU ::: 730.0

WheresMitch ::: 556.0

TrumpChristmasShutdown ::: 439.0 BoycottTrumpPrimeTime ::: 389.0

Elapsed Time

--- 1.7615869045257568 seconds ---