### **Topic Modeling**

- Discover topics in a text corpus (a collection of documents)
- scikit-learn package is very popular in Python: http://scikit-learn.org/stable/modules/generated/sklearn.decomposition.NMF.html
- Gensim module is very popular in Python: http://radimrehurek.com/gensim/

#### **Algorithms**

- Non-negative matrix factorization (NMF)
- Latent Dirchilet Allocation (LDA)

# 1. Non-Negative Matrix Factorization (NMF or NNMF)

- is a group of algorithms in multivariate analysis and linear algebra
- where a matrix V is factorized into (usually) two matrices W and H,
- with the property that all three matrices have no negative elements.

This non-negativity makes the resulting matrices easier to inspect.

Also, in applications such as processing of audio spectrograms or muscular activity, non-negativity is inherent to the data being considered.

Since the problem is not exactly solvable in general, it is commonly approximated numerically.

Source: https://en.wikipedia.org/wiki/Non-negative\_matrix\_factorization

## (1) Open the JSON File and Create a List of 1K Tweets Text, "corpus\_contents", For TF-IDF Vectorization

```
import json
import numpy as np
from pprint import pprint

In [2]:
    infile = open('tweet_stream_halloween_1000.json')
    data = json.load(infile)
    infile.close()
In [3]:
    data[0].keys()
```

```
Out[3]: dict_keys(['created_at', 'id', 'id_str', 'text', 'source', 'truncated', 'in_reply_to_sta
         tus_id', 'in_reply_to_status_id_str', 'in_reply_to_user_id', 'in_reply_to_user_id_str',
         'in_reply_to_screen_name', 'user', 'geo', 'coordinates', 'place', 'contributors', 'retwe eted_status', 'is_quote_status', 'quote_count', 'reply_count', 'retweet_count', 'favorit e_count', 'entities', 'favorited', 'retweeted', 'filter_level', 'lang', 'timestamp_ms'])
In [4]:
          data[0]['text']
Out[4]: 'RT @xbrinni: Haunting Ground! W\n\nHalloween shoot this year was another one of our f
         avorite PS2 games! Photos to come soon! \n\nDaniella is @k...'
In [5]:
          corpus contents = []
          for t in data:
              corpus contents.append(t['text'])
In [6]:
          pprint(corpus contents)
         ['RT @xbrinni: Haunting Ground! 🛣 \n'
          '\n'
          'Halloween shoot this year was another one of our favorite PS2 games! Photos '
          'to come soon! \n'
          '\n'
          'Daniella is @k...',
          'RT @sarah_schlosser: I don't think I've ever laughed so hard, this guy wins '
          'Halloween https://t.co/glV3sVzatR',
          'RT @partycasino: Whats the most out there costume you saw last night? Tag us '
          'in your most crazy Halloween costume pics for a chance to be f...',
          'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
          '\n'
          '#NCT127 #NCT127 Regular\n'
          '#DancePractice #Halloween https://t.co/t6u7nqFEku',
          'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
          '\n'
          '#NCTDREAM #NCTDREAM_WeGoUp\n'
          '#NCT\n'
          '#DancePractice #Halloween https://t.co/TsyAoOIr...',
          'RT @SidemenClothing: A COMPETITION TIME A\n'
          '\n'
          "It's Halloween which means that it's time for another treat! For your chance "
          'to win this unrelea...',
          'RT @_parkercurry: Happy #Halloween! Can you guess who I am? '
          'https://t.co/LZA95MT9rl',
          '⊜⊜⊜ Halloween w my fam. 🕝 https://t.co/5k5lkwoHcx',
          'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
          'RT @mistressnicky: My favourite day of the year and I'm stuck at in bed. '
          'Send amazon gift cards so I can get my Halloween shop on to goddes...',
          'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
          '\n'
          '"yeah but why?" https://t.co/fsKSbfVYum',
          'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
          '@FortniteGame lol I predicted a Halloween bear type skin',
          'Halloween has passed but you still can find Halloween Limited cases 🞁 on '
          '\n'
          'Absolutely u... https://t.co/Rg9jwcvj2g',
          'First Halloween in the books. ✔ 🐷 🌠 https://t.co/cOAFbp9bsO',
          'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
```

```
'RT @m yosry2012: Squirrel and Halloween https://t.co/eNl8y0lMDA',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🤎 '
'https://t.co/40CArze8gT',
"RT @ultmoonsun: we're dying of starvation when it comes to mamamoo halloween "
'content so for that reason heres the hottest yet cutest vampir...',
'RT @shfly3424: Happy Halloween whitps://t.co/J3unJdX7aH',
'RT @Lallorono: THAT LAST PICTURE MADE ME SCREAM https://t.co/ykeAhSCMhf',
'Great achievement for the Princes Trust, Team 57, who raised over £200 at '
'their Halloween fundraiser. https://t.co/0fQhGG2ROo',
'thepumpkingueenn: what it feels like waiting for halloween.'
'https://t.co/KndvzKQa2K',
'RT @Canelo: Happy Halloween 🍪 😈 https://t.co/rKccENqpHk',
'RT @jccaylen: pre-gamed by taking shots & listening to the greatest '
'showman soundtrack ITS GONNA BE A NIGHT LADIES N GENTS.\n'
'\n'
'HAPPY HALLOWEE...',
'Just gorgeous like awlays! Love you so much @Kat',
'A little Halloween fun at our monthly company meeting! It's spooky that we '
'still look so good. 😉 \n'
'\n'
'Who doesn't love... https://t.co/CdD110Tqua',
'happy halloween from jikook!!\n'
'\n'
'but lets not forget to VOTE FOR OUR BOYS! \n'
'#MAMAVOTE #BTS @BTS twt https://t.co/7JcdlIY0sE',
'RT @KVpandaCake: #MEGxVivoree happy halloween!! @vivoree '
'https://t.co/Jfs7tSHtkn',
'RT @70sFilm: Day 31 of our #70s version of #31DaysofHorror 🔌 \n'
'\n'
'#HappyHalloween \n'
'\n'
'TONIGHT is the night #MichaelMyers comes home!\n'
'HALLOWEEN...',
'RT @merrigo_: happy halloween friends 🚱 🚱 🤣 https://t.co/azRhZJ7cCW',
'RT @jinkijinggi: SHINee literally embarrassed themselves by being the only '
'people who dressed up for hallowen years back and now dressing u...',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'Happy Halloween https://t.co/YPfoFSA6d6',
'RT @ jalenrobinson : He won Halloween  https://t.co/1I50551Jt6',
'A belated Happy Halloween from all of us at Centralis! Boo! 🤣 🐷 '
'https://t.co/snXeLjLs01',
'RT @XXL: Kanye West and Kim Kardashian's son Saint and Kourtney Kardashian's '
'son Reign dress up as Kanye and Lil Pump for Halloween 🚱 🐷 https...',
'Me on #31ottobre 🐷 \n'
'Me on #1novembre 🛕 \n'
'#halloween #ognissanti #HappyHalloween https://t.co/0I6LMwlFv2',
'RT @MCSaiCoPvP:  Giveaway!~  \n'
'\n'
'• 4x [Ghoul] Rank\n'
'• 4x Ender Vault: Halloween\n'
'• 6x Halloween Horde Summoner\n'
'• 8x Enchanted Charm & amp; [Scary...',
'RT @Evettexo: Happy Halloween ₩ https://t.co/sBWWw7HesU',
"RT @ArizonaPaul: That's it huh? The same old tired nonsense you started with "
'in 2016 that the last 2 years have disproved. Jobs returning t...',
'RT @MakinMyLifeReal: Love this @JalynneC35 Makes me smile seeing BCraw as '
'Prince Eric ~ I named my 3rd born son Eric after him and now h...',
'RT @Alexismaxinee11: Bob's burgers 🖨 #Halloween https://t.co/PhPql23SCj',
'RT @camrantula: First Halloween I haven't did something',
```

```
'hi! happy belated Halloween! here's my cover of one of the sweetest love '
'songs by ☆ @ladygaga',
'RT @1ChristmasCheer: Move over Halloween! It's time for Christmas!!!!\n'
'It certainly was a fun Halloween, but I'm so excited to get into full...',
'RT @Double0suge: My daughter was me for Halloween ⊜♥ https://t.co/oViNx5mybS',
'RT @FluffySnowmeow: Bonus Halloween picture, because what's spookier to a '
'top than taking something up the butt? Poor Tugger! https://t.co/...',
'RT @Jchawes: Good ole days! RT @_DaleJrBeard_: Remember when #Halloween '
'would fall on a Wednesday, and you were excited to watch @stevegons...',
'RT @RoryGilligan1: @DineshDSouza Wife and I watched Death of a Nation
'Halloween night. Great movie and a real eye opener. Everyone should s...',
'Yes!!! Unless it is the stuff nobody likes...like Jolly Ranchers and the '
'other boring stuff...',
'RT @SecretService: It was an honor to keep the children and their families '
'safe during the @whitehouse #Halloween festivities. https://t.co...',
'RT @MrWooplayer: Lil homie prolly just wanted to be Spider-Man for Halloween '
'() \( \( \u200d\) https://t.co/910eY5WRyw',
"Gee I'll bet they came up with the idea all by themselves  let's dress up "
'like daddy for Halloween from his SNL ap... https://t.co/YIGGFv72ah',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'RT @jorgeivxn: What's the addy I'm pullin up https://t.co/d0fLxk5uL6',
'RT @HQ kpopfanboy: Still not over about blackpink going to manila. This is '
'like the BEST halloween yet!',
'RT @MisterBroRo: Liz Gillies and Rafael De La Fuente from #Dynasty '
're-enacting Scene 98 in their Jackson Maine and Ally #Halloween\u2060 '
'\u2060costum...',
'@tlbandini Definitely the worst Halloween candy line up I've seen in my life',
'RT @chandlerriggs: my parents are amazing https://t.co/fcgwDRd9lC',
'RT @cafreeland: #WhoWoreItBetter? I think you, Isabelle! Happy Halloween! '
'#RedIsBest #AddWomenChangePolitics https://t.co/Qlrp0zzDLq',
'RT @HM_Hmongt: Halloween Night with Ark Royal.\n'
'Coming Soon ! https://t.co/HogszpTyQz',
'Halloween is something our Sachse team takes very seriously! From skeletons, '
'to flamingos and even Bob Ross, our cr... https://t.co/07xhlTUH1V',
'I'd die to be this pretty 😭',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @harryhateskale: can we talk about this please. is this common in the UK. '
'unwrapped halloween candy may be worse than americans microwav...',
'#championsoflondon #theprodigy #notourists #halloween '
'https://t.co/t80bj2UTN2',
'RT @spookperson: imagine being so genuinely awful as a human being that you '
'had to literally pretend to be a serial killer to be more likea...',
"@BTS_twt I'm expecting you guys to be active this halloween and post about "
'your spooky costumes but...\n'
'You got now... https://t.co/tk66ZkEoX4',
'RT @ jalenrobinson : He won Halloween 😝 https://t.co/1I50551Jt6',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙
'https://t.co/40CArze8gT',
'RT @theyoumanshow: I added a video to a @YouTube playlist '
'https://t.co/EfmUS2F0Gn INVOCANDO A MICHAEL MYERS EN LA VIDA REAL (Especial '
'See why i gotta leave!!? 😭 only place in the world to pull this',
'RT @TimesSquareNYC: The #Halloween spirit is alive in #TimesSquare! '
'@ LINEFRIENDS and @BT21 characters are decked out in spooky costumes a...',
'@BigWipes @BigWipesSales Follow, like and retweet for a thrilling chance to '
'#win. \n'
'\n'
'This monstrous #Competition en... https://t.co/jKtqPuAYQD',
'RT @OhEmmeG: what type of people. say it https://t.co/KxkzjV7XD5',
```

```
'RT @ShahadEast: Missy Elliot as herself for Halloween, because she can do '
'that. https://t.co/UiomG73C7u',
'Some Halloween News For 2018 - Another Truth Video That Will Be Censored By '
'YouTube\n'
'https://t.co/fff7EEuPXE',
'RT @peifkrm: Happy Halloween from Sugar Creek! https://t.co/skEwyDCCpN',
'RT @Loki Lego: #HappyHalloween Mortals of Midgard! #Halloween #Loki
'#LokiPumpkinCarving https://t.co/aXSwkjoB7h',
'RT @kimyunggie: Halloween: https://t.co/XAbGJGg6vu',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @noturhynaa: this is the most unHalloween Halloween of all Halloweens',
'RT @kathygriffin: Gosh you are just so original @TomiLahren! I thought
'images like this one incite violence! At least that's what you and y...',
'RT @villalobossebas: Happy Halloween ₩ https://t.co/BmYeX4NaJx',
'RT @JimCarrey: Some people aren't pretending to be monsters. Happy
'Halloween. whitps://t.co/UOH0V4zQfV',
'I'm sad. I didn't get the Halloween halo in Royale High. D: @nightbarbie',
'RT @MikaelaBender: Update: I transferred to #Hogwarts ��\n'
'.\n'
'.\n'
'.\n'
'#Halloween #HarryPotter #Gryffindor #sailor #talloween #collegetown '
'#college...',
'RT @KhadiDon: IM PISSED!!!!' HALLOWEEN IS CANCELED YO. AMAZON GOTTA SEE ME '
'https://t.co/rewHZCkDkb',
'I actually cant believe we got a whole game for free on Halloween!!\n'
'Everyone say thank you Toby fox!!!',
'RT @caraghowens1: The Kardashian's dressing up as Victoria secret angels for '
'Halloween is not what I needed for the self confidence',
'RT @ReginaPucket: #FREE 10/27-31\n'
'Short Tales of Horror Part III \n'
'All of my short horror fiction in one book. #horror #ASMSG\n'
'Kindle https://...',
'RT @Katisonna: Forget Halloween and Christmas this is gonna be my new '
"favorite 'Holiday' 😉 https://t.co/XouqJ9zUoJ",
'RT @theofficenbc: Taking down your Halloween decorations like...'
'https://t.co/OJucPanP3x',
'@FoxNews A MUST WATCH ● 🕊(HIT LINK FULL VIDEO) 👉 👉 https://t.co/dF0LTNlLic '
'

    Lord General - Reaper #halloween https://t.co/265zpM8T0e',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @SexuallPosts: Halloween head & https://t.co/Ui6kz9bjF6',
'Bare leftover Halloween candy in the office man I wish I was a sweet tooth',
'Lions, princesses, and dinosaurs - oh my! Happy Halloween from Stony Creek! '
'#WissNation https://t.co/7Yth3pNw55',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @RonyAbstract: @Kianna Dior just won #Halloween 🤩 🐯 💽 \u200d$ '
'https://t.co/aC23Jvjsdw',
'RT @SilentGarrett: Well folks, Halloween is over. \n'
'\n'
'So you know what's next?\n'
'\n'
'THE WAR ON CHRISTMAS ™ \n'
' 🙎 \u200d♀ 🛕 🚱 ਓ 🊱 https://t.co/XkNUtnszSw',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @sarah_schlosser: I don't think I've ever laughed so hard, this guy wins '
```

```
'Halloween https://t.co/glV3sVzatR',
'RT @RonyAbstract: @Kianna Dior just won #Halloween 😉 🐼 👧 \u200d♀ '
'https://t.co/aC23Jvisdw',
'GREFER Women Long Sleeve Dress Vintage Pumpkins Halloween Christmas Evening '
'Prom Costume Swing Dress - Halloween Cl... https://t.co/AUk4eTqgGF',
'bellahadid and theweeknd definitely won at #halloween 🖤 #beetlejuice '
'#beetlejuice #beetlejuice https://t.co/TDC1FAcBdd',
'RT @theofficenbc: Taking down your Halloween decorations like...'
'https://t.co/OJucPanP3x',
'RT @TMarsh21: My baby sister is Beyoncé for Halloween '
'https://t.co/pvY5s7kwUd',
'RT @NFL_Memes: Parents - please check your children's candy this Halloween! '
'I just found two Raiders tickets in my kid's bag. Some sick peo...',
'ffi Goosebumps 2: Haunted Halloween',
'RT @powerfront: Happy Halloween from Powerfront! https://t.co/tAVzP6QYhL',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @theofficenbc: Taking down your Halloween decorations like...
'https://t.co/OJucPanP3x',
'RT @MrChuckD: Is Donald Trump Halloween's Scariest Monster? RT',
'RT @samisacana: happy halloween whitps://t.co/qQd3WjGHzZ',
'RT @spookperson: imagine being so genuinely awful as a human being that you '
'had to literally pretend to be a serial killer to be more likea...',
'RT @evildickcheney: scary Halloween https://t.co/MseO0HvFHd',
"RT @beyoongc: Never forget Sooyoung's legendary solo performance of her "
"character 'Sadness' on SMTown's halloween party in 2015 when all sh...",
'RT @roxiqt: If you\'re sitting there thinking: "I don\'t want Halloween to '
'end... I want Halloween to be forever... I want to wear 20 lbs of...',
'RT @ChristmasCount: Me now that it's after Halloween. '
'https://t.co/eT6HzDSH7n',
'RT @CodyRhodes: Mushroom Kingdom Is Fine https://t.co/zJNRivvdcJ',
'RT @theofficenbc: Taking down your Halloween decorations like...
'https://t.co/OJucPanP3x',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @deesnider: SWEET! https://t.co/f9JJLuCbpG',
'RT @maik check: Hey Hey Happy Halloween! 🐷 \n'
"Here's some Filipino Cryptids https://t.co/L9MOIdzKbF",
"I'm going as a millennial this Halloween https://t.co/zfOFshDT4Y",
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'Halloween partying Manila cop nabbed over drugs inside BGC club '
'https://t.co/Htp3vIFMPw',
'RT @sttepodcast: We have one final #HalloweenMovie prize bundle to giveaway. '
'Find out how to enter our #competition on our latest episode...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127 Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7ngFEku',
'RT @RepMattGaetz: The only thing the left is doing this Halloween is '
'tricking Americans into thinking our polices aren't working and treati...',
'RT @JimCarrey: Some people aren't pretending to be monsters. Happy '
'Halloween. whitps://t.co/UOH0V4zQfV',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7ngFEku',
```

```
'Uhhhh GAMES need to be won tf',
'RT @fakebarbiexxx: 🥺 ♥ Happy (late) Halloween ♥ 😥 https://t.co/3ELTWz42Pl',
'RT @Drebae_: Outfit, color scheme, makeup & hair are slayed down to the
'T. Sis bodied this halloween look. What else is there to discuss? h...',
'Our President! ♥ ',
'RT @Cristiano: Happy Halloween to everyone!! 🐱 🤪 https://t.co/0x8sPgSHht',
'RT @heatherpearson : Harry Potter Halloween Proposal 2018 - BEST PROPOSAL
'EVER!!! https://t.co/0fhcR3w3t1\n'
'\n'
'We're engayged!! 👸 🌈 💝 🚍 \n'
'@jk rowlin...',
'RT @mervtheswerve_: Happy Halloween 🐷 #Dorothy & #Toto '
'https://t.co/QElVuUwfMA',
'RT @zuluetuhpost: Happy Halloween from Mama @DawnZpost and RSVP fam 🧬 🐯 🖏 \n'
'\n'
'.\n'
'\n'
'ଢi: @Viv721 ♦ https://t.co/z50iMtvorI',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @baewannie: after the halloween party https://t.co/XK1DVxbx6P',
"Last night was a movie - Check out these scenes from last night's Halloween "
'Social! Tag yourself and your friends i... https://t.co/5XTHjQWQGu',
'RT @indykaila: This is awful from Bayern Munich, tweeting out pictures of '
'one of their players dressed up as an Arab holding a suspicious p...',
"Hola my loves!! Hope you had a happy halloween. I'm late to the party but "
"the lil'one was the cutest strawberry in... https://t.co/t0jm4ktrrN",
"RT @AmericaFirstPol: Don't let the Democrats turn the House of "
'Representatives into a House of Horrors. Watch our powerful new ad this '
'Hall...',
'RT @GeneralHospital: WATCH: Jason might want to reconsider his stance on '
'#Halloween. @1SteveBurton @kellymonaco1 @hudsonwest @tkweaveractor...',
'RT @RealJamesWoods: The nightmare of record employment, a record stock '
'market, peace in Korea, and the rebuilding of our devastated borders...',
'RT @fayglo: yall gotta check ur Halloween candy just found this in my kids '
'candy what the fuck https://t.co/p18HFEUbVq',
'RT @ayamy_garubinu: Halloween https://t.co/cvPsta4VuK',
'RT @idkbria: [translation] Rib has risen from the dead in Halloween to wish '
'us happy holidays but he was late... for a few minutes https://...',
'@ReedusAngelFace @lucyRoseReedus @emikoko896 @Elas Norman @Reedus AnA '
"@wwwbigbaldhead I'm 15 hours aheadau of NRTim... https://t.co/X1alXDZlV4",
'RT @FantasticBeasts: Happy Halloween! Share your Wizarding World costumes '
'using #FantasticBeasts. https://t.co/r5KPjjmWKU',
'Good morning from MK! What happened to Halloween? #quietscope #wdw '
'#christmas #disneyscope https://t.co/VwwaKMpTzV',
'RT @MaxieSatan: toby fox could have charged money for deltarune and made '
'about a billion dollars but instead he put it out for free as a ha...',
'RT @nct 127: people anticipating mama 2018 vs people anticipating smtown '
'halloween party https://t.co/YtCiJDGRlk',
"RT @fivemegos: Dad AU - the kids' first halloween! have a good, safe one "
'tonight! https://t.co/9adaSsuyRE',
'RT @MatthewCurlee14: I disagree with almost every view he has but damnit if '
"this ain't funny \n"
"(For those who don't know: there has been an...",
'RT @ jalenrobinson : He won Halloween 😝 https://t.co/1I50551Jt6',
```

```
"Did you have a happy #Halloween? Remember, buying technology doesn't have to "
'be scary... especially when you can bu... https://t.co/NuAEb47VKP',
'RT @PicturesFoIder: Happy Halloween https://t.co/Vricx16bRZ',
'RT @ErikStolhanske: Super Troopers Halloween costume plus re-enactment that '
'could be from either the original or #supertroopers2 #superb h...',
'RT @Bob Fischer: My favourite Halloween tradition is people being adamant '
"that it's a vulgar American invention that nobody in Britain had...",
'@Bob Fischer @Markgatiss But did you have community centres set up to Xray '
'sweets to look for razor blades? Or test... https://t.co/mP2pZlhIWR',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @braggerswaggerz: Wheeeww now that Halloween is over I'm putting up my '
'tree don't @ me',
' 🔛 We released a new typeface for Halloween 🚱 \n'
'\n'
'Ariel Martín Pérez describes his Ouroboros as a font for alchemists,...'
'https://t.co/lWtg0YQAnE',
'@markandkylee @RyanTravelsEats @TouringTastebud @sl2016 sl @2WildWanderers '
'@thewannabegypsy @SouthernerSays... https://t.co/rgbEKJgG6d',
'RT @kumailn: Please don't be charmed by this. He is a bad man. Always has '
'been. Always will be. https://t.co/wyVTyXHpSr',
'@FortuneFinds @gionnatarantola fyi - halloween is over. #1977 though',
'When I have kids they're going as scully and mulder for Halloween',
'RT @KylieJenner: Happy Halloween ₩ ♥ #BARBIE https://t.co/AqbFLpBUM6',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @MiniLaddd: Let me see your halloween costumes! Which one of you turned '
'the hell up this halloween?!',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @Tyekooon: Noble Igwe lite. https://t.co/WyPPaFsUv5',
'I experienced the halloween walk of shame when I went to target this morning '
'still in my skeleton suit',
'RT @Gresh49: Luigi, Mario, and Princess Peach for Halloween 😂 '
'https://t.co/kniZdAg6DH',
'RT @BTSxMidAtl: Thank you @MrAaronPrice for playing #WasteItOnMe by '
'@steveaoki ft @BTS_twt last night for the #LastSongStanding! It was the...',
'RT @B0tcx: Beyoncé & Jay Z halloween 2018. https://t.co/mz000VbcUO',
'Beyonce And Jigga Paid Homage To Throwback Black Olympic Legends For '
'Halloween And Wigs Flew!... https://t.co/CFPp2Q38RI',
'RT @marco e12: $200 to any nigga that didn't tweet this '
'https://t.co/Acu001HLV1',
'@lorenbouchard Happy Halloween! https://t.co/Hw06lZJsKz',
'RT @dinahjane97: .@HorrorNights @UniStudios Happy Halloween suckaaas!!! I '
'sometimes wonder how it'd be if I were in an actual horror film 😥 ...',
'RT @LostWords_: Halloween at the office 😝 https://t.co/oaFyORLFiQ',
"RT @theACCDN: Only this could've happened on Halloween. 🙃 🚱 \n"
'\n'
'(@CanesFootball) https://t.co/ji4C6Iy0Qf',
'RT @justcallmeBABA: No wayyyy - you can actually tell exactly who it is just '
"by the great costume, and she didn't need to paint her skin bl...",
'RT @TheRealCally24: Happy Halloween!!! Hope everyone had a fun and safe '
'night! https://t.co/2nhYVDpjSf',
'RT @dog rates: This is Rico. For Halloween this year he wanted to be faster. '
'Plans to fill the night with spooky zooms. 13/10 h*ckin inspir...',
'RT @mflynnJR: What a bitter old woman...can't even enjoy a holiday w/o '
'complaining about Trump... https://t.co/xyR0xo4Vps',
'I didn't dress up at all',
'RT @MrsDrLupo: HAPPY HALLOWEEN FROM THE LUPOS!!! 🍲 處 🔍 https://t.co/iqqTQFDBTq',
'RT @ronaldgem: STORY TIME: HALLOWEEN EDITION 🤣 \n'
'\n'
"These stories happened in Men's Residence Hall (popularly known as Men's "
```

```
'Dorm) during my fr...',
'RT @patiencejennv: 🥨 halloween #MTVEMABiggestFansShawn\n'
'rt to vote https://t.co/AmAz8IzQJO',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @zephanijong: it is midnight halloween is officially over Merry Christmas '
'everyone',
"I'm just saying, kind of a missed Halloween decor opportunity here when you "
'have a sign for a candidate named GRAVE... https://t.co/DfIwkUjtP9',
'RT @angelsan: Happy Halloween #cookies #biscuits #cooking #baking
'https://t.co/FloVewjST8',
'RT @spanishcvndy: i'm sorry but this halloween has been trash. the whole '
'month, throw it away',
'RT @BrunoMars: Mini Hendrix!
                                Happy Halloween! 🐼 '
'https://t.co/Cr23cDh9bg',
'Thanks to everyone who participated in vesterday's Trick-or-Treat the '
'Trails. We had an excellent time spending Ha... https://t.co/qS4sF00Vhj',
'Hope you all had a great Halloween! https://t.co/hHAskyHOzi',
'RT @Omojuwa: This one travelled to Kampala in Uganda, not even the whole '
'Uganda o, but no, "I was traveling from Africa" https://t.co/HLFRf...',
'Halloween's over. Now it's time
                                    \n\nChristmas time',
'RT @KylieJenner: Happy Halloween 💹 🎔 #BARBIE https://t.co/AqbFLpBUM6',
'RT @cockmurdock: happy halloween from ur favorite catholic '
'https://t.co/4pwipuky1V',
'RT @agustdsbaby: so i tried to dress as shooky for halloween....... '
'https://t.co/Pku5oouk56',
'Halloween at our @TechTalUSA offices yesterday. We like it authentic '
'https://t.co/H103NeWe1i',
'SETIInstitute: Just in time for #Halloween, the new image shows a "striking '
'shadow" in Serpens Nebula, which is abo... https://t.co/NCGEeImEeX',
'RT @Aimee Garcia: When u werkin #Halloween nite ... u make best of it & '
'learn "Thriller" ♣\u200d♀ #Lucifer @netflix \n'
'HAPPY HALLOWEEN!!! ₩ ♥ ₩ ht...',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween @ nttps://t.co/YtlB06gCcW',
'RT @TMarsh21: My baby sister is Beyoncé for Halloween '
'https://t.co/pvY5s7kwUd',
"RT @HESilf: carlos beltran's family dressed as carlos beltran and halloween "
'2018 is now over! top prize has been claimed! https://t.co/h7wb...',
'RT @TySandwich: Your Grandparents went Mad this Halloween boi.
'https://t.co/wuMyP7Y9Xh',
'RT @sarah schlosser: I don't think I've ever laughed so hard, this guy wins '
'Halloween https://t.co/glV3sVzatR',
'RT @StephenAtHome: Happy Halloween! I'm dressed as the scariest thing I can '
'think of: Low Voter Turnout In New Jersey's 11th Congressional...',
'RT @RonanFarrow: He wore it better. https://t.co/xm0DxQ5Mtj',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @spookperson: imagine being so genuinely awful as a human being that you '
'had to literally pretend to be a serial killer to be more likea...',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
"RT @XFilesNews: Check out the awesome entries we've gotten so far in our "
"pumpkin carving contest! You've got until 11:59 pm PST tonight to...",
'I liked a @YouTube video https://t.co/N7QCt0tgAE NCT DREAM 'We Go Up'
'Halloween Costume Ver.',
'RT @noturhynaa: this is the most unHalloween Halloween of all Halloweens',
'RT @KELLYROWLAND: SAY IT LOUD! Black Panther Proud! 🗐 🗐 🜒 \n'
'Happy Halloween! https://t.co/avDoXurM0m',
'RT @gunsnroses: Happy #Halloween https://t.co/UloBOTT3Ml',
'Seth Myers Wife Alexi's Halloween Costume Was Inspired By Her Son's '
'Unconventional Birth https://t.co/BDzpSsEYLF #SM https://t.co/oixMzVyC0J',
```

```
'This made my morning and my life. Love @GameGrumps ♥⊜',
'RT @Patriots: Happy #Halloween!\n\nWho did it best?? https://t.co/BlK3pLjLhI',
'RT @KinkyVegasCpl: Happy Halloween Everyone!! Starting Mine Out With A Rub 2
'Get Me In The Mood.... Wifey Wants To Play 😈 😈 🕖 Wifey 🕖 #hotwife...',
'TEDDY ON HALLOWEEN NIGHT: "Mommy, my Dots don\'t taste very well."\n'
'\n'
'No son. No one likes Dots. https://t.co/NIXJfbmn3Q',
'ASMR~ Halloween Hair Salon Roleplay With A Special Guest ( sassy ) 🐷 🤔 '
'❷`\u200d♀ https://t.co/IEjhLsmwYT MY GOD THIS IS… https://t.co/lWtw56bC2z',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @halsey: I hate these "$100 dollars to any girl who didn't dress like a '
'hoe this Halloween" tweets. How about I say $200 to any girl who...',
'RT @taebokkiii: Bighit and @BTS twt being completely silent is the most '
"scariest thing for this year's halloween 😳",
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @BlockB united: [ENG SUB] TvN The Braniacs Ep 179 - Halloween Special '
'(with Kyung and Guest Shinee Key) is now English Subbed.\n'
'\n'
'https://...',
'RT @owcpr: Happy Halloween from the OWC team! 🐷 🕟 🚱 #halloween '
'https://t.co/v0dVt5iknZ',
'I liked all y'all babies Halloween pics they was too cute',
'RT @EdKrassen: Happy Halloween from the Krassenstein superheroes to yours!\n'
'\n'
'#HappyHalloween #HappyHalloween2018\n'
'#Halloween18 https://t.co/S...',
'RT @taehyungthugg: If I run around on Halloween night and scare people by '
'screaming 'SARANGHAE OPPA' does that mean my costume is a korea'b...',
"RT @BeyLegion: Beyoncé dresses up as Flo-Jo while attending @Diddy's "
'#Halloween party. https://t.co/lOFrNzxbV1',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @MoranguinhoIV: Doces ou travessuras? 🚱 🐼 \n'
'#Halloween Q f https://t.co/PSCzHlyu1G',
'RT @bjpascual: "kamukha mo si troye sivan" - comments section since 2015 😝 🔞 😜 '
'Happy Halloween!!! 🔗 🚱 🚱 More content on my stories lol 🏳 \u200d 🌈 🏳 \u200d 🜈 ...',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
"RT @bondnickbond: My favourite part of Heidi Klum's Halloween costume this "
"year is the utterly defeated look in her boyfriend's eyes https:...",
'RT @RiderStrong: This episode almost never got finished. We had to abandon '
'having an audience, our director was livid, and we shot into the...',
'RT @EllisDental: 🤌 🖥 🧬 🔍 OK, you know you did it. You know you ate a lot of '
'#Halloween candy. Call us today to make your next appointment. Or,...',
'RT @Cinemartistry: Halloween (1978) \n'
'Director: John Carpenter \n'
'Cinematographer: Dean Cundey https://t.co/iVaDX1lTgr',
'RT @ShahadEast: Missy Elliot as herself for Halloween, because she can do '
'that. https://t.co/UiomG73C7u',
'RT @joonxwon: Chenle running around sm's halloween party '
'https://t.co/OFDN0cFcNt',
'RT @CollegeStudent: Does being dead on the inside count as being in the '
'Halloween spirit?',
'RT @LGMonsterFacts: Lady Gaga dressing up as a sheet ghost for Halloween and '
'trying to spook her fans will always be a classic. https://t.c..',
'RT @hotxander01: @ALDUB_POETweets @ofctrendsetter @ALDub_RTeam @ALDubFTnQT '
'@likha2017 @Obra_ADN2018 @SONATAZ @TropALDUB @AIFam16 @AMInatics...',
'RT @violet heartin: Dating on Halloween.\n\n"Your grave or mine?"'
'Hallelujah Halloween is over & Christmas music is on at work this '
```

```
'morning 🤩 🛕 😇 🍪 ',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @choerrycarmex: Hey guys. This is Olivia Hye. She will haunt you in your '
"sleep if you don't vote for #LOONA #이달의소녀 #MAMAVOTE Happy Hallo...",
'@brianriley1016 I have slippers but they were in my living room for some '
'reason 🕝 😭 I had a Pokémon onesie/ child's H... https://t.co/X0T1LOYMwV',
'RT @LCHS pride: Home playoff game this Friday!! Theme will be Halloween (
'everyone wear your costumes! Kickoff at 7.',
'RT @JrdnTheScammer: you're not in on the joke ted don't play these games '
'https://t.co/60DACphiKx',
'RT @2GirlsOnaBench: Check out the silly and creepy #NoPhonyPodcastNetwork '
'collaboration! You'll recognize several voices from your favorite...',
'RT @chwip: 🐯 🗱 WANNA ONE HALLOWEEN 🎇 🥱 \n'
'\n'
' #워너원 #WannaOne #Halloween #Halloween2018 https://t.co/QvLN0jlDka',
"RT @chixfiles: Dua Lipa's carrie halloween costume. ♥ "
'https://t.co/rpKm8cWqse',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @MissLacyLennon: Happy Halloween from your friendly neighbor Super Lacy '
'lol What did I end up doing last night? Jeez.. I fell asleep at...',
'RT @extratv: Happy Heidi-ween! @heidiklum & BF Tom Kaulitz went as Shrek '
'& Fiona for her #Halloween bash! Pics: https://t.co/Uo8ayXFJxM htt...',
'RT @CNN: The little girl who went viral for being awestruck with Michelle '
"Obama's portrait dressed as the former first lady this Halloween...",
'RT @halsey: I hate these "$100 dollars to any girl who didn't dress like a '
'hoe this Halloween" tweets. How about I say $200 to any girl who...',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @backstreetboys: Happy Halloween, Everybody! Rock your body right... '
'#BackstreetsBack #Alright @: @Dr Dude https://t.co/BEq6TqCX5D',
'The best trick-or-treating is done at the office the day after Halloween. '
'https://t.co/rQfurteDOM',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @RealJamesWoods: The nightmare of record employment, a record stock '
'market, peace in Korea, and the rebuilding of our devastated borders...',
'RT @BretBaier: Do you agree with this polling?
                                                  I think it's pretty
'accurate. https://t.co/XaghfUyWbP',
'RT @bennicky: Love Halloween 😝 😝 https://t.co/gGssBog4nm',
'I remember the days when we were warned of razor blades, laced apples, and '
'acid tabs.\n'
'Halloween was almost a test i... https://t.co/EITphxqO2Y',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @joejonas: Happy Halloween from Morticia & amp; Gomez Addams '
'https://t.co/FhLJuz0i9C',
'RT @TheUndefeated: A late Halloween submission from Beyonce and Jay Z! \n'
'\n'
'Flo-Jo x Tommie Smith 66 https://t.co/wHM2U4IGqN',
'RT @OSU Evans: Happy Halloween!  https://t.co/ls4TBPhtVX',
'If i celebrate halloween i might dress up as a vampire wooooooo scaryyyyyy '
'RT @Stoney Blu: Y'all got 4 year olds dressed as SZA album cover for '
'Halloween instead of gettin her the Doc McStuffins costume she begged...',
'RT @LanaDelRey: ♥ ♥ Happy Halloween! ♥ ♥ ',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
```

```
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @veronicamcc95: So, Dexter is finally at his Halloween party. Everyone '
'meet Bob Marley. Puff puff pass that wee man x https://t.co/FlaB1...',
'RT @judasiscariot :  HALLOWEEN https://t.co/MBEcHuhaRA',
'RT @HopeSmiling0218: 151029 VAPP Halloween Party ( \( \)\n'
' 🕀 🚱 🚱 🏖 🕀 \n '
'#방탄소년단 #제이홉 #호석 #홉이 #호삐 @BTS_twt https://t.co/tatBlpLHVL',
'RT @clmazin: Do you think this is evidence that Ted can laugh at himself?\n'
'\n'
"It isn't.\n"
'\n'
"It's more likely evidence that some Dominionist hells...",
'RT @noturhynaa: this is the most unHalloween Halloween of all Halloweens',
'KING OF HALLOWEEN ♥ ♥ \n#KEY #SHINee @SHINee',
'RT @KhadiDon: IM PISSED!!!!' HALLOWEEN IS CANCELED YO. AMAZON GOTTA SEE ME '
'https://t.co/rewHZCkDkb',
'RT @RelatableSJ: Super Junior at SM Halloween Party vs. at the airport '
'https://t.co/5kEyTRJmVj',
'some tony stans dressed up as "stuckies" for halloween (whatever that means) '
'and thought they were comedic geniuses... https://t.co/YY1xpW4Ct4',
'RT @DavidSpade: This is great https://t.co/SFvd10PZGe',
'ok this wig is 38393738228x better than the Sansa wig I'm screaming',
'3 votes, I need a survey tutor.',
'I never win! So excited to read this book! :)',
'RT @lextakesthecity: Men that aren't too cool to dress up on Halloween are '
'so appreciated.',
"@JJLiebig @GregLaird @RdotChadha Should've atleast been his Halloween "
'costume',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @RobertDowneyJr: Are they still infinity stones if they get thrown out '
'the day after Halloween? https://t.co/T6xo9nR9Ii',
'happy halloween 🐷 @ University of Kentucky https://t.co/7D2HALBTSs',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
"I've always believed that the holiday season starts on Oct. 31 (Halloween) "
'with all the kids dressed up. Then Than... https://t.co/UxzbnxWvMA',
'RT @CAPTAINLARSØN: OMG TESSA THOMPSON AND BRIE LARSON HAVE SPENT HALLOWEEN '
'TOGETHER! IM NOT CRYING YOU ARE https://t.co/kb8don9zN4',
'RT @TabriaMajors: My next costume for Halloween, @rihanna from the 2015 '
'CFDAs // https://t.co/GEOw4roY6T',
'RT @namattsenda: elio nd oliver 🍑 || halloween 2k18 🐷 https://t.co/cgMttNTng9',
'My little Dorthy Halloween #jcmo https://t.co/h6H12rUTM8',
'RT @SarahJaneCheeky: In case anyone needs a spooky last minute halloween '
'costume,,, \n'
'I present you the most terrifying and nerve wracking o...',
'I'm sure glad Halloween is finally over!!!\n'
'*slowly stirs coffee and drops in three mini Twix bars*',
'RT @xMrsChalkex: @BloggingBabesRT @cslemonsqueeze RETURNING ALL COMMENTS 💙 🚮 \n'
'https://t.co/0kN3bzEA70',
'RT @aaronLebeahm: You can donate your halloween candy to the troops. \n'
"This year it's particularly easy because you can just hand it to the...",
'RT @antoniiogarza21: I just gained 5 pounds from eating halloween candy but '
'so did everyone else in america so if you do the math it basica...',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
```

```
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @hankgreen: This guys Halloween Hangover story is better than your '
'Halloween Hangover story. https://t.co/bFIsohRRRF',
'RT @inquirerdotnet: Halloween partying Manila cop nabbed over drugs inside '
'BGC club https://t.co/Htp3vIFMPw',
'RT @HeyPariss: Happy Halloween! 🖤 killed my sugar daddy.. this is me after '
'the funeral https://t.co/cV00oaNVgO',
'Please consider donating your Halloween candy to our veterans:\n'
'https://t.co/15ebBzu2P5 https://t.co/2IqHSS4UDX',
'RT @DolanDark: Happy Halloween gamers https://t.co/mKH84qNmR4',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😉 💀 https://t.co/YtlBO6gCcW',
"RT @RebelWilson: Here's a TREAT for you this HALLOWEEN! On Valentine's Day "
"2019 ISN'T IT ROMANTIC is coming out and here is the first ever...",
'RT @lukewaltham: Y'all BTS won this year's Halloween costume contest by '
'being invisible and not posting on social media. We stan intellectu...',
'RT @c starlett: Cool Amanda in her Halloween vampire costume 💝 💝 🦃 \n'
'\n'
'#LWA jp https://t.co/oSGT85RRe8',
'Can I just say Halloween outfits are not fancy dress! There's a difference',
'RT @HijaDe2Madre: "Why do you want disabled people to play disabled '
'characters? It's just like any other role" \n'
'\n'
'"Why should I care about d...',
'RT @RatofDrawn: I started posting the canon characters some wonderful people '
'ordered in the YCH on my tumblr (check pinned tweet). Go check...',
'RT @KylieJenner: Happy Halloween 💹 ❤️ #BARBIE https://t.co/AqbFLpBUM6',
'Kids Were Heartbroken: Halloween Thieves Stealing Candy (Caught On Camera
'Compilation) https://t.co/ijCHWNM6pQ https://t.co/02xgWujhfo',
"I'm also your 19-year old kiddo with 5-8-year old kids in a halloween "
'party!! HAHAHA https://t.co/5K12tC64oF',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'⊜⊜ Oh yes! @iamacylon @JolinarSG1',
'RT @oliviaaruby: happy halloween https://t.co/p5RmvsjeJw',
'buzz buzz ₩ i love halloween https://t.co/3hRxXcugk9',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'Lmfaoo I forgot about this',
'Oh I forgot, we also designed, printed and painted this in about three '
"hours, for daughter's Halloween costume. It'... https://t.co/Nn5KkuGjV7",
'@CNN Not a great idea to change Halloween to a Saturday. Could mean more '
'children would be out longer and more accidents.',
'RT @AlyciaTyre: Had to serve looks real quick just for the picture then took '
'it off (a) ♥ https://t.co/XwQUJtBaiC',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @JimCarrey: Some people aren't pretending to be monsters. Happy '
'Halloween. whitps://t.co/UOH0V4zQfV',
'A belated happy halloween to all! Our Mini-op yesterday took quite a turn '
'and made us all regret not looking in the... https://t.co/vKXVDCk1DI',
'RT @jon bois: i am never fooled by halloween costumes. you're not really a '
'fireman. firemen aren't real',
```

```
"RT @dailyexhoe: LMAO EXO's manager left a comment on baekhyun's instagram "
'post (which is his mummy halloween costume from PUBG)\n'
'\n'
'"no wonder...',
'RT @YonceHaunted: Dark haired Beyoncé will always rise on Halloween... when '
"her POWER is at it's PEAK!!! https://t.co/MtWsPeiLT1",
'RT @OfficeScenes: bc its Halloween https://t.co/8099eyBps2',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @theoneTonka: Happy Halloween Bitches 😈 https://t.co/Xg4mHpyWmL',
'RT @spookperson: imagine being so genuinely awful as a human being that you '
'had to literally pretend to be a serial killer to be more likea...',
"RT @SportsCenter: When you're trying to sneak Halloween candy during the day "
'... https://t.co/onDaLXaDVM',
'\n'
'∰ ⇔ ♡happy Halloween♡ ∰ ₩ \n'
'₩Fun to observe the manners \\n'
'\n'
               wone day \n'
'\n'
'☆º°°*☆ Have a nice ϑay ☆º°°*☆...',
'RT @KawaiiAikenka: My friend: hey what are some good Halloween themed '
'songs? \n'
'\n'
'Me: https://t.co/cYrx1nz0FN',
'RT @FLOTUS: Have a safe and Happy Halloween!! 🎃 🤪 https://t.co/IcQHlxONz9',
'RT @lilly6v6jojo: ₩\varphy halloween ₩ https://t.co/HSnhDNVQy4',
'Happy Halloween, @robertberens \n'
'From Belarus with love!\n'
'#Supernatural #SPNFamily https://t.co/AShuw4o4IW',
'RT @cyanwhisky: #Venom Happy Halloween 🐷 🔍 !! https://t.co/DU6LziKeQV',
'The best Halloween costume that matter',
'RT @tonibraxton: Phoni Braxton!? NEVER!!!\n'
'How do you look better than me on MY album cover? \n'
'I LOVE IT, Such a superstar! \n'
'Thanks for the 1...'
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @jasminexoxo23: this years halloween has been total shit.',
'RT @RobertFoleyWine: Today on #howellmountain (special Halloween edition 🐯): '
'We picked out estate #cabernetsauvignon today! Ooh, man, those...',
'These are the best! #sogood #halloween2018',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'"What did you go as for halloween?"\nMe: an American citizen in debt ()',
'RT @staceyleeauthor: Please excuse this interruption to your Halloween while '
"I bring you the cover of my new historical, out 8/19. I'm exci...",
'RT @noahdefreyne: wow imagine Rico nasty being ur mom '
'https://t.co/Z4X41RqmZT',
'RT @MissyElliott: HAPPY HALLOWEEN! 😝 🔞 😝 I figured I'd be Missy Elliott from '
'"The Rain" video but the 2018 version (a) I couldn't find my blow up...',
'RT @yookilaylee: this doesn't have vav, the group that literally debuted on '
'halloween with a vampire/undead concept it's worthless https://...',
'RT @allycat2498: This is why it's so problematic when y'all dumbasses think '
'it's cute to wear headdresses or dress as an "Indian" for Hallo...',
'I love this!',
'RT @Lallorono: THAT LAST PICTURE MADE ME SCREAM https://t.co/ykeAhSCMhf',
'RT @jaehyunbom : Listener asked if the members prepared their halloween '
'costumes and props by themselves\n'
```

```
'JH: Nope, our stylist and hair &...',
'RT @StephenKing: Molly, aka the Thing of Evil, gets cleaned up for '
'Halloween. Invites little ghosts and goblins in, then steals their candy...',
'RT @BrandyLJensen: lmao I wish you could egg someone's tweet '
'https://t.co/gqIy1DWb2v',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @guywalters: Salisbury in the news AGAIN. https://t.co/fohK7YLOgR',
'RT @AH Mechromancer: Phantom Thief outfit swap for Halloween! #Persona5
'https://t.co/jlSaEId10R',
'RT @blkgirlculture: Beyoncé as Flo-Jo for her second Halloween look 🌮 '
'https://t.co/JJkSmC3uHv',
'Spent the last week traveling, I got a mastiff pup, I carved the hell out of '
'a pumpkin, sat by the Rio Grande River... https://t.co/B5iukh8PeS'
'Halloween Cypher 3.0 https://t.co/FajBhFwRx9 via @YouTube 🚱 😭 😭 😘 ',
'RT @BibssShirley: A: Aj kya hain?\n'
'B: Halloween ₩ hain\n'
'\n'
'A: Aj trend wala day hain #ShirleyAtYTFF @YouTubeFanFest '
'https://t.co/KcMSG5aPtU',
'RT @morestorgy: Our slice of #horror comes to you today in the #shortstory '
'form by @Grammatologer - 'Hope is a Rusty Knife' so sit back rel...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'THIS IS HALLOWEEN https://t.co/DPVqdZ0yLx',
'RT @officerdaddo: Someone at the DMV in Utah dressed as a Zootopia sloth so '
'that's it, they won Halloween and the rest of y'all can give up...',
'RT @ jalenrobinson : He won Halloween  https://t.co/1I50551Jt6',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @LizCrokin: Wow, no way! Are The People getting too close to the truth '
'before the hammer drops & the big reveal? We're all like little k...',
"What Are The Implications Of The Kardashians' Victoria's Secret Halloween "
'Costumes? - https://t.co/z5ge780twR https://t.co/nI6HbyGc4S',
'RT @KylieJenner: Happy Halloween 💹 🎔 #BARBIE https://t.co/AqbFLpBUM6',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @CobraKaiSeries: This is how #Halloween is done. #cobrakai '
'https://t.co/99spUmvkoR',
'this is so cute omg get me a BF like this 🔮 😜 ',
'RT @HQPornHQ: Tiny Trick Or Treater - Bad Kitty #SelenaStone Gets A Big Hard '
'Halloween Cock 2/2 #Mofos\n'
'\n'
'@HTBBHQ @AdultBrazil @SeymourKuntz8...',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @ABSCBN: Liza Soberano and Maymay slayed the creepiest looks this '
'Halloween!\n'
'\n'
'Scroll through to see the best celebrity Halloween costume...',
'RT @maplekeurig: happy halloween! 🐼 🖋 🐈 https://t.co/vKYy4F1MHf',
'RT @TheCUTCH22: Dude is smooth https://t.co/kZ6RdlCZjO',
'RT @Double0suge: My daughter was me for Halloween ⊜♥ https://t.co/oVjNx5mybS',
```

```
'My latest news article on safety in the underground Tube during Halloween in '
'Holloway Road!! \n'
'https://t.co/5rltD5Kac6',
'RT @_jalenrobinson_: He won Halloween https://t.co/1I50551Jt6',
'RT @Brandonwoelfel: Some spooky before & afters on this Halloween '
'night ⊕ ♥ ♦ https://t.co/OIrpdGyHp0',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💝 '
'https://t.co/40CArze8gT',
'RT @KINGDOMHEARTS: Sora has a bunch of outfits to pick from for #Halloween, '
'have you got yours ready yet?\n'
'\n'
'#KH3sharethemagic https://t.co/v...',
'RT @N1224Ak: #コンパスお絵描き\nHAPPY★HALLOWEEN https://t.co/kg9e7rrFsZ',
'RT @QueenKylaXx: Look into my eyes and you'll fall deeper under my spell 🥹 \n'
'You'll be wanting to $end everything to serve me WM\n'
'\n'
'Payp*l • Cir...',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'I haven't worn a real slutty Halloween costume in a hot minute, Halloween '
'2019 I'm comin for ya tits out',
'RT @feeIsomethng: IF U LIKE A TWEET WITH #halloween THE LIKE BUTTON TURNS '
'INTO A PUMPKIN AND ITS SO CUTE WOW'
'RT @Twitter: ♥ this Tweet for a #Halloween treat.\n'
'\n'
'https://t.co/7u0n1V73Cc',
'Sooo cuteee♥\n'
'This is how dogs celebrate their Halloween Lol. https://t.co/hGBAcSmcMw',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 😧 https://t.co/YtlBO6gCcW',
'RT @Double0suge: My daughter was me for Halloween 😝 ♥ https://t.co/oViNx5mybS',
'RT @USATODAY: "Don't color your skin": NBC weather anchor #AlRoker is
'defending his Halloween costume after receiving criticism following t...',
'RT @jk rowling: I love all of them! https://t.co/AmPm6hYy8I',
'RT @Double0suge: My daughter was me for Halloween ⊜♥ https://t.co/oVjNx5mybS',
'@FortniteGame Old Halloween skins were better by far',
'RT @KaiZeneeee: Happy Halloween to baby jack jack ⊕ ⊜ lol '
'https://t.co/qlDrUx10dR',
"RT @SportsCenter: When you're trying to sneak Halloween candy during the day "
'... https://t.co/onDaLXaDVM',
'RT @ anetraa: D. Rose was 2011 D. Rose for Halloween https://t.co/qe7FNwxpiL',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 🖸 https://t.co/YtlBO6gCcW',
'RT @_jalenrobinson_: He won Halloween https://t.co/1I50551Jt6',
'RT @lilpump: It's Halloween so ima change my name to lil plumkin',
'RT @ShahadEast: Missy Elliot as herself for Halloween, because she can do '
'that. https://t.co/UiomG73C7u',
'RT @Koreaboo: Girls' Generation Sunny Was A Harry Potter Character For '
'Halloween, And J.K. Rowling Can't Even Handle It\n'
'https://t.co/c84iz...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @its elleleigh: Happy Halloween Everyone!! 💙 🐷 #bts @BTS twt @bts bighit '
'#HappyHalloween #HappyHalloween2018 https://t.co/H6uBIdePPC',
'.\n'
'.\n'
```

```
'.\n'
'#Halloween #HarryPotter #Gryffindor #sailor #talloween #collegetown '
'RT @thehajaarakaba: Dear Kim, you visited Uganda, a country located in '
'Eastern Africa. Africa is a Continent. You know how the United State...',
'halloween 2nd black guy of the day took 10 inch bull dick '
'https://t.co/5wKlynhxoy https://t.co/RbChLp7juh',
'RT @MillsandBoon: W HALLOWEEN GIVEAWAY! W\n'
'WIN a bundle of seriously spooktacular books and chocolate lollipops!\n'
'To enter, follow our Twitte...',
'3 Rastateers. I'm chuckling so hard',
'I had a Pinterest win! Mummy brownies! #halloween #pinterestwin #brownies '
'https://t.co/KHhH8tFwfi',
'RT @hankgreen: This guys Halloween Hangover story is better than your '
'Halloween Hangover story. https://t.co/bFIsohRRRF',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween ⊜  https://t.co/YtlBO6gCcW',
'RT @80meat: My roomate: can i show u my halloween costume\n'
'Me: sure\n'
'Them: https://t.co/uKDYUVjz2e',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'RT @holy schnitt: i'm so excited for halloween to be over so the nation can '
'focus its attention on what really matters... thanksgiving dinn...',
'RT @Shadbase: Happy Halloween https://t.co/Vq9L0VKvmd',
'RT @cherokeehsband: Cherokee COLOR GUARD & DRUMLINE at the VanZant '
'Halloween Parade!\n'
'Go Chiefs! https://t.co/qQi3qEMdM8',
'Only way I'll like you if you get tried as the zodiac killer',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @PicturesFoIder: Happy Halloween https://t.co/Vricx16bRZ',
'Win Deepcool Cooling Set worth over $300!!\n'
'Enter now: https://t.co/dtGTnp4k...',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @visualarts : Happy Halloween @ ♣\u200d\ https://t.co/5jMI3wSMI0',
'RT @roseperson: Imagine running Medicare and thinking the prospect of '
'everyone having access to it is terrifying. Especially when other can...',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😉 💀 https://t.co/YtlBO6gCcW',
"Had one of the best Halloween's with @TheLostNarrator and @MegPepperonis. So "
"much so I haven't slept all night but... https://t.co/eoNoHX20x5",
'RT @janeth 521: Happy Halloween 😺 🤌 Ð ttps://t.co/TFdJs3xjME',
'RT @noturhynaa: this is the most unHalloween Halloween of all Halloweens',
'Last minute Halloween outfit 🤂 https://t.co/CTRiPyGKAC',
'Halloween winners. Everyone else go home',
'RT @MisElizaJane: Happy Halloween from this technologically challenged nerd '
'♥ https://t.co/7F8dZPL64I',
'@markc2345 @SirPokesAlot 2 @pcanzz @brysonlitvay Is it halloween again '
'tonight? Lmao',
'RT @zaynmalik: Happy Halloween from the devil of Hell's Kitchen '
'https://t.co/aMTmElaT92',
"RT @GameGrumps: IT'S HALLOWEEN!!!!!!!!! https://t.co/uAwr121xdI",
"RT @exploreminn: Happy Halloween! 🊱 We're showing our #OnlyinMN pride with "
'this painted pumpkin. Are you getting into the spooky spirit? Tw...',
'RT @sovietbabe: I've made a big miss-steak 🥯 servin up some A1 Halloween '
'looks this year https://t.co/S3ps1D7fl4',
"RT @SportsCenter: When you're trying to sneak Halloween candy during the day "
'... https://t.co/onDaLXaDVM',
'RT @CaptKatyaSwann: Happy Halloween! Jack wants you to sign up for an event '
```

```
'to help #GOTV You can call, text or doorknock! (No tricks only...',
'happy halloween 🤛 ∰ 🥷 🖤 🎡 \u200d♀we were pretty last night with my friends and '
'it was perfect ♥ ₩ https://t.co/YlIUt0EZub',
'RT @stobincbc: Hi! If a teenager comes trick-or-treating at your door this '
"Halloween, rather than saying, aren't you a little old? Just giv...",
'RT @agustdsbaby: so i tried to dress as shooky for halloween......
'https://t.co/Pku5oouk56',
'Triggered AF lmao',
'Consider what life would be like with liberals like Pelosi, Soros and Schiff '
'in control of the police across this c... https://t.co/xKNW3rEZVt',
'RT @SoniqueML: Greeting all my US friends & Digitality, ngithi nje Halloween '
'nonke 👏',
'RT @shannonrwatts: American children can't even trick-or-treat without being '
'killed in America. \n'
'\n'
'https://t.co/gGfD5U8sdi',
'Best. Costume. Ever. #Gripelist https://t.co/05rkTvh01W',
'RT @GavinNewsom: It's Halloween...so trick or treat. https://t.co/iOyrKnz67M',
'RT @melililou: Happy Halloween ₩ ♦ https://t.co/iGGqeMqMhH',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 🖸 https://t.co/YtlBO6gCcW',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @BR NBA: Halloween just went to another level 😜 \n'
'\n'
'(via lostbreed/Instagram) https://t.co/eDcIRcvpDd',
'@rahimaxarsenal Hahahaha another subtle attack on Muslims in their Halloween '
'party.',
'RT @TheGabbieShow: am i crazy or has kylie jenner had 6 halloween costumes '
'in 2 days',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'Children sworn in as US citizens while dressed in Halloween costumes '
'https://t.co/0QGxud4ZlQ',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @modernbucky: tessa and brie celebrating halloween together
'HELLL00000????/?// https://t.co/BeB40Qp8j6',
'RT @llcabR18: HAPPY HALLOWEEN.\n #少女発動機 https://t.co/IOxfYWz3gR',
'RT @ChristianUncut: Thank you @ancientorigins for publishing my Hermitage
'Castle/Robin Redcap #goblin #folklore story just in time for #Hal...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'Wednesday always the odd gal out 💀 \n'
'#halloween #halloweencostumes #voldemort #hermionegranger #wednesdayaddams '
'https://t.co/SyNaDK2FQZ',
'RT @ parkercurry: Happy #Halloween! Can you guess who I am?'
'https://t.co/LZA95MT9rl',
'RT @nomar ab: Ooh ooh I know I know.... YOU...in a two piece bikini. \n'
'\n'
'Amirite Amirite https://t.co/yJvgsVzZzF',
'Our school is gearing up for our Halloween celebrations tomorrow and its '
'looking great! Ready for afterschool movie... https://t.co/hhyClVzBuV',
'RT @jaehyunbom__: Listener asked if the members prepared their halloween '
'costumes and props by themselves\n'
'JH: Nope, our stylist and hair &...',
'RT @jyoungwhite: first halloween w/ my girls ♀ ♥ https://t.co/0TDi2JUxbB',
```

```
'Also, Halloween 2k18... 🔯 🗍 🧁 #MOO #GotMilkBitch #GotBeef '
'https://t.co/0pSsIGC10g',
'RT @stobincbc: Hi! If a teenager comes trick-or-treating at your door this '
"Halloween, rather than saying, aren't you a little old? Just giv...",
'RT @katetsuke: HAPPY HALLOWEEN https://t.co/FGcc4eieJX',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @RobertDowneyJr: Are they still infinity stones if they get thrown out '
'the day after Halloween? https://t.co/T6xo9nR9Ii',
'RT @simoncholland: I don't secretly steal my kids' Halloween candy. I eat it '
'right in front of them while maintaining eye contact. Total po...',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
'RT @NerdAboutTown: Beyoncé did it first. https://t.co/KHxtYEM0A4',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @LoganLofgren: Always be sure to inspect your Halloween goodies for '
'hidden razors. https://t.co/QM7L1Xwdj2',
'RT @TonyBushore: Now that i got no candy for Halloween makes me wonder why i '
'had to give @HailyBushore all my good Halloween candy while i...',
'i use to sell everything in high school. i charged 50 cents just to use my '
'lotion',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @Drebae : Outfit, color scheme, makeup & hair are slayed down to the '
'T. Sis bodied this halloween look. What else is there to discuss? h...',
'RT @EricWinter1: Happy Halloween from The Count and Vamparina!! '
'#SebiandDylan 🐯 🤪 https://t.co/Aj9o0oandk',
'RT @schwans: You can't help but love this little guy who dressed up as his '
'favorite Schwan's Representative and best friend, Bob. From Bob,...',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'My son asked me to dress up with him fortnite style for Halloween.
'#Halloween #HappyHalloween #Fortnite #diycostume... https://t.co/YimlB5Opdm',
'RT @m yosry2012: Squirrel and Halloween https://t.co/eNl8y0lMDA',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
'RT @STARLe 1122: [STARLe] \n'
'181101 NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'CHENLE FOCUS 😉 😉 😉 😉 😉 \n'
'\n'
'#NCT_DREAM #NCT \n'
'#천러 #CHENLE https://t.c...',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @anndeejam: honest to god a one kid just knocked on my door and said '
"trick or penguin" so I said "penguin" and he showed me a picture o...',
'RT @NFL_Memes: Parents - please check your children's candy this Halloween! '
'I just found two Raiders tickets in my kid's bag. Some sick peo...',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
"RT @jk rowling: Too much cuteness. This is unacceptable when I'm trying to "
'work. https://t.co/plDq72NDyc',
'#heidiklumhalloween2018 #venom #halloween #havefun @heidiklum '
'bodypaintingbypeter peterdbrownphoto @ LAVO NYC https://t.co/LSgWp2vv2k',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween  https://t.co/YtlB06gCcW',
"@tsnotoole @BobWeeksTSN They're made by cadbury and they were replaced in "
'the Halloween pack by Wonderbar. The box... https://t.co/ZEd30FIUPd',
'RT @ASRomaEN: Halloween is cancelled https://t.co/JuCChFoEOT',
'RT @kms512: man people give out some weird shit for halloween these days. '
'gave my kid a bath bomb...',
'RT @SheepEva11: Happy Halloween~ https://t.co/Fcg334s1Tn',
'RT @brkicks: .@ZO2_ in another Big Baller Brand ZO2.19 PE for Halloween '
'https://t.co/IVAuPbqTCz',
```

```
'Showing up to work the day after Halloween is fckn rough... we tired bruh!!!',
'RT @BetteMidler: Yes, today is Halloween. Big deal. Because what what '
'could be more nightmarish, harrowing, horrifying, unnerving, unspea...',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 🖸 https://t.co/YtlBO6gCcW',
"Don't recognise the name Florence Griffith-Joyner? This is why Beyonce's "
'2018 Halloween costume was so important... https://t.co/gN4AHe3JxM',
'RT @davidmackau: remember Parker Curry, the toddler who was obsessed with '
'@MichelleObama's portrait? \n'
'\n'
'Her mom, Jessica, just sent me this...',
'RT @usernametaken_F: Happy Halloween! Everybody!\n'
'\(\text{\text{:}}: \text{\text{\text{\general}}}: \text{\text{\general}}\) \(\text{\text{\general}} \)
'Lmaoooo.. I thought that were faces for real 🍪 🖺 \u200d♀. Damn let me go '
'back to sleep. Y'all lit⊜♥',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
"Is it called #dayofthedead because of the Halloween hangover? Because I'm "
"pretty sure I'm dead.",
'RT @HarmonyEdu: Thanks for making it out to our costume contest, '
'@KAGSVanessa. Our students were thrilled to have you visit our campus and...',
"RT @WalkingDead AMC: It's Halloween, which got us thinking... what was the "
'most haunting moment from #TWD? https://t.co/mMvP2tnUtF',
'RT @lizanne co: Halloween Party of #CreamlineCoolSmashers \n'
'Who will win the best halloween costume? > \n'
'@ fille cayetano https://t.co/XdU@Rem...',
'Halloween's over. Time to #VOTE HOES',
'RT @chwip: 🐼 🗱 WANNA ONE HALLOWEEN 🎳 🤪 \n'
'\n'
' #워너원 #WannaOne #Halloween #Halloween2018 https://t.co/QvLN0jlDka',
'RT @halsey: I hate these "$100 dollars to any girl who didn't dress like a '
'hoe this Halloween" tweets. How about I say $200 to any girl who...',
"@NepentheZ I don't care what I get I packed CR7 last night out of the "
'Halloween sbc',
'10 years and same',
'RT @QNoeeey: Happy Halloween 🖔 😡 https://t.co/2gztM4sqTq',
'RT @ncl flmr26: Super Junior on SMTOWN Halloween Party vs Super Junior at '
'\n'
'#SMTOWNWONDERLAND https://t.co/6AQf2U5...',
'"what do you picture your life looking like in a couple years" THIS IS THE '
'EXACT PICTURE',
'RT @arknights info: Happy Halloween\n'
'\n'
'#HappyHalloween #Halloween \n'
'#明日方舟 #명일방주 #Arknights #アークナイツ https://t.co/hVWSebipaw',
'RT @ amatsuki : 🔍 🐼 Happy Halloween 🚱 🖥 https://t.co/Dm9VKx7lnD',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @peachcentral: jaehyun consistently dresses up as Handsome Characters... '
'he's the halloween thot local twitter hates',
"RT @MarkDice: You're right, Kirsten! Who knows how many lives have been "
'ruined by white kids wearing a Black Panther costume trick or trea...',
'HBD my love, Nadine, wifey of @tellemjaye ! Thank you for continuing to '
```

```
'inspire us with your advocacies!... https://t.co/MxGdf33jAH',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween ⊜  https://t.co/YtlBO6gCcW',
"I know it's late, but the truth is that here in Argentina AR, HALLOWEEN, it "
'is not "celebrated" as it is in the US!... https://t.co/A2M8mwFN9q',
'Smoke machines, skeletons, gravestones, and scary music... our Halloween '
'cemetery was a hit!\n'
'Hope you all had a fun... https://t.co/69djw0tUEV',
'RT @9 0219: #NCT #JUNGWOO #정우 \n'
'\n'
'♥ Happy Halloween whitps://t.co/sz0QemjuxF',
'RT @LittleMix: Make up? Poundland.\n'
'Wig? Woolworths.\n'
'Costume? Bin bag.\n'
'Halloween? Over.\n'
'Jade x https://t.co/34lADq35Se',
'RT @Kookie93Monster: Now that Halloween is over its time to hear everyone '
'complain about the Starbucks Holiday cups',
'Mahalia, I must admit you're daddy and I are pretty cool! Happy Halloween 🐷 '
' https://t.co/j3Kr3Vc433',
'RT @theofficenbc: Taking down your Halloween decorations like... '
'https://t.co/OJucPanP3x',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
"RT @DailyMigueI: Miguel as Randy Watson from the 1988 movie 'Coming To "
"America' for Halloween this year https://t.co/oyRu7EREPE",
'RT @virtualstun: For halloween i'm a boring bitch cause I didn't go anywhere '
'and I am still a bit sick https://t.co/wftmC6HjyA',
'Little halloween fun with the family. https://t.co/i0bZmFBYXV',
'RT ElleAtTheEssex: i know RedTube's web version is super awesome but step '
'away from the \blacksquare for a second and watch 0/... https://t.co/Itosewts7L',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @sid lambert: Nothing says Happy Halloween like this horror tackle from '
'Graeme Souness.\n'
'Probably deserved a yellow. But that Bucharest...',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 😧 https://t.co/YtlBO6gCcW',
"RT @reaktionbooks: 🚱 Halloween #giveaway 🚱 We've got a copy of @cinriter's "
'ultimate guide to ghosts for you to win. Simply RT & amp; follow to e...',
'Time for Christmas music and decor!!!!!',
'Love her!',
'RT @PlayboyPlus: Spend this #Halloween with your #CGOY, Olivia Preston! '
'Today is your last chance to join Playboy Plus for $149.99 and get...',
'RT @paulasrsly: Belated but... Uke-Lary and I hope everyone had an extra '
'magical Halloween last night. 🛠 @SHOKidding #Kidding https://t.co/...',
'∰Hey Jimmy Kimmel, I Told My Kids I Ate All Their Halloween Candy (She was
'on to our game. (a) ... https://t.co/nn0abSeVE3',
'RT @jamestkiirk: this halloween i decided to dress as my fave character from '
'the critically acclaimed and beloved series The Hotdaga. i giv...',
"RT @WTFmoses: IT'S A PUBG SKIN HALLOWEEN GIVEAWAY!\n"
'\n'
'Win EVERY SINGLE HALLOWEEN SET AND HALLOWEEN PARACHUTE by:\n'
'\n'
'✓ RETWEET\n'
'✓ FOLLOW\n'
'✓ LIKE...',
'RT @anndeejam: honest to god a one kid just knocked on my door and said '
```

```
"trick or penguin" so I said "penguin" and he showed me a picture o...',
"After the success of our Halloween party why not book onto our Children's "
'Christmas party either the 16th or 23rd D... https://t.co/Ho2bhG9n3G',
'RT @KarlCatarata: Happy Halloween, #Nevada! 🥨 🥱 \n'
'Let's get this BREAD 🔲 🔪 (and vote out elected officials that refuse to '
'listen to students)...',
'RT @imorynwins: What's Diane's thing again? She's like an Asian Daria?! '
'#halloween @SuckerPunchProd @BoJackHorseman https://t.co/lQV18XoajJ',
'HALLOWEEN WAS SICK!\n'
'HUGE SHOUTOUT TO @pandarevolte FOR DROPPING OUR UPCOMING COLLAB w/ '
'@ itsmorbid last night ♥ ♠ https://t.co/4LQInkAcWE',
'RT @_jalenrobinson_: He won Halloween https://t.co/1I50551Jt6',
'RT @StephenAtHome: Happy Halloween! I'm dressed as the scariest thing I can '
'think of: Low Voter Turnout In New Jersey's 11th Congressional...',
'RT @marco e12: $200 to any nigga that didn't tweet this '
'https://t.co/Acu001HLV1',
'RT @anndeejam: honest to god a one kid just knocked on my door and said '
"trick or penguin" so I said "penguin" and he showed me a picture o...',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @ ayosworldd: Bringing this gem back in honor of today being Halloween '
'https://t.co/szMCAKPcoh',
'Barstool hates America, confirmed',
'RT @Navibration: When you are in Madrid, you can discover the most unique '
'place to Navibrate around Halloween. Find out more below.\n'
'\n'
'https:...',
'RT @LTBcoalition: Happy Halloween! #RentControlNow https://t.co/KuIiTGnKZX',
'RT @ApriltheChorkie: Forgot to post last night. But I was a pumpkin for 2
'seconds 🐱 ← #happyhalloween #halloween #costume #Ihatedressingup ht…',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @Dinglederper: When your song comes on in the middle of a patreon photo '
'shoot ⊜ 🕝 \n'
'Halloween btw 🤭 https://t.co/tCgWZXKqtZ',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
'RT @Russo4Ohio: #HappyHalloween! Enjoy a safe and spooky night! 🖗 \n'
'\n'
'And a special shoutout to volunteer Judy Rojas for our favorite Hallowee...',
'RT @boredfather: happy halloween from our lady of sorrows '
'https://t.co/D3RdLEwImq',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'Halloween bashes be looking like lingerie parties held at Foot Locker. \n'
'Whole bunch of half naked women and niggas dressed as referees.',
'Decided to channel the spirit of Halloween in a 1 hour mix, filled with some '
'of the deepest, darkest and tech-iest... https://t.co/b3Jz2r6J04',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @rich lindow: Nothing spookier this #Halloween than being uninformed... '
'#AAPEX18 members: check out this Digital Aftermarket survey @AAPE...',
'RT @chwip: 🐷 🔛 WANNA ONE HALLOWEEN 🚜 🤪 \n'
'\n'
' #워너원 #WannaOne #Halloween #Halloween2018 https://t.co/QvLN0jlDka',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 😧 https://t.co/YtlBO6gCcW',
```

```
'RT @justcallmeBABA: No wayyyy - you can actually tell exactly who it is just '
"by the great costume, and she didn't need to paint her skin bl...",
'RT @albaraay577: It didn't even feel like halloween',
'Me too!',
'seriously, i cried so so hard last night! because William noticed my '
"Halloween Edit's for him 🎯 ♥ and one of my edit… https://t.co/U6yJ3p4MGz",
'RT @wrongdekusquad: iida: hey guys! for Halloween we're gonna dress up as
'things that don't exist! what will your costumes be?\n'
'\n'
'tsuyu: a wi...',
'Happy Halloween 🐷 🥱 \n'
'Hello pimples leave me alone please ( https://t.co/LCxIDFmheg',
'RT @NASCARonNBC: .@DaleJr and @AmyEarnhardt went trick-or-treating with Isla '
'on Tuesday, when Dale noticed something cool. #Halloween https...',
'RT @SMTOWNGLOBAL: SMTOWN WONDERLAND 2018 PHOTO WALL\n'
"#SMTOWN #SMTOWNWONDERLAND #HALLOWEEN https://t.co/57F94Pp9IT',
'RT @keepdwightgirl: Halloween is canceled https://t.co/bu65MUQDwp',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @ vanessamariexo: By minutes he got worse , he's not doing so good.. '
'we'll try Halloween again next year 🤼 I just hope my baby is okay h...',
'@M Deso U going to Halloween party?',
'RT @jccaylen: pre-gamed by taking shots & listening to the greatest '
'showman soundtrack ITS GONNA BE A NIGHT LADIES N GENTS.\n'
'HAPPY HALLOWEE...',
'RT @RedStar_Sama: 🎃 Inktober Day 31 ~ Happy Halloween from Trinity! 💩 \n'
'\n'
'5th Inktober is finally done! // \n'
'\n'
'#MyArt #Inktober #Inktober2018 #0...',
'RT @ jalenrobinson : He won Halloween 😝 https://t.co/1I50551Jt6',
'RT @iakopo_london21: It's 64 and thunder storming over here 😝
'https://t.co/OsbuUz6ZhW',
'RT @jaehyunbom : Listener asked if the members prepared their halloween '
'costumes and props by themselves\n'
'JH: Nope, our stylist and hair &...',
'RT @kingvader: Don't Disrespect Halloween pt.2 https://t.co/B00rmFQJYo',
'RT @FreshiaCake: In Focus: These Celebs Nailed Halloween With Their Makeup '
'Looks\n'
'\n'
'Vivoree doing her own make up! Another talent reveal!\n'
'\n'
'Go...',
'RT @lilpump: It's Halloween so ima change my name to lil plumkin',
'RT @stobincbc: Hi! If a teenager comes trick-or-treating at your door this '
"Halloween, rather than saying, aren't you a little old? Just giv...",
'RT @barstoolsports: There Is No Bigger Asshole In The World Than The Person '
'Who Gives Out Pocket Constitutions For Halloween https://t.co/w...',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @RobertDowneyJr: Are they still infinity stones if they get thrown out '
'the day after Halloween? https://t.co/T6xo9nR9Ii',
'RT @TabriaMajors: Dressed as one of my icons for Halloween, the Bella Noches '
'queen, Ms. Hazel London https://t.co/D7lcApW35D',
'RT @fakebarbiexxx: ♀ ♥ Happy (late) Halloween ♥ ♀ https://t.co/3ELTWz42Pl',
'RT @StephenAtHome: Happy Halloween! I'm dressed as the scariest thing I can '
'think of: Low Voter Turnout In New Jersey's 11th Congressional...',
'RT @ligaptdadepre: Happy Halloween amigos !!! https://t.co/OlJCY4zSFo',
```

```
'RT @fakfamily: Happy Halloween! We're our favorite Disney ride! '
'@WaltDisneyWorld https://t.co/LheHggc5ay',
'RT @mega magazine: From #mayward as Annabelle and Chucky to #lizquen as '
'Pennywise and Joker, witness your favourite celebrities and influen...'
'RT @aiden storey: Trump is feuding with Paul Ryan and Candace Owens is '
'feuding with Tomi Lahren. Who knew Christmas would come as early as...',
'RT @ youhadonejob1: This dog is ready for Halloween. https://t.co/wMRpB0PyK6',
'RT @jadapsmith: That dope a@# Halloween throwback 😉 🤀 🐈 @chancetherapper
'https://t.co/lzG8Y7PMh7',
'i entered @grav3yardgirl HALLOWEEN TREAT BAG GIVEAWAY! '
'https://t.co/4Ngv5WXJfQ https://t.co/G0y0yZ1fc6',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'HALLOWEEN whitps://t.co/qG0aijT1Zy',
'RT @FLORESCENT CY: 181028 ONCE HALLOWEEN\n'
'\n'
'#트와이스 #TWICE #채영 #chaeyoung https://t.co/fDunNEGor8',
'RT @Phil_Lewis_: Reminder: How to do Halloween without Blackface '
'https://t.co/NrDeQwS0JG',
'RT @blkgirlculture: Beyoncé as Flo-Jo for her second Halloween look 🦈 '
'https://t.co/JJkSmC3uHv',
"RT @seasonaIvibes: Halloween is today that's crazy I can't believe Christmas "
'starts tomorrow.',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @wildxgolden: remember when wonwoo was giving fanservice during their '
'halloween event last yr but mingyu covered him up with his cape an...',
'RT @sboshmafu: Lmaooo Halloween is too much https://t.co/DfaKKTJ3Tm',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @_jalenrobinson_: He won Halloween https://t.co/1I50551Jt6',
'RT @limeharu: 181101 NCT 127 'Regular' Halloween Costume Ver.\n'
'https://t.co/EsvzHBdIH4\n'
'https://t.co/EfWufuaqA4\n'
'\n'
'#NCT127 #NCT127 Regular\n'
'#NCT...',
'The Halloween I live for 😂 😂 😂 ',
'RT @melibeus1: Favoriten bat #Halloween @BLMedieval Add 42310 f. 164r '
'https://t.co/baLOmyba0P',
'i entered @grav3yardgirl HALLOWEEN TREAT BAG GIVEAWAY! '
'https://t.co/COpQDCaveQ #grav3yardgirlHALLOWEEN',
'RT @BuzzFeedNews: Remember the little girl who was obsessed with Michelle '
"Obama's portrait? Guess who she dressed as for Halloween 💙 https...",
"RT @translationwolf: Irene's halloween reference\n"
'\n'
'a character from old skit of Gag Concert (circa 2003) '
'https://t.co/CeFruOc4Z2',
'RT @jaehyunbom : Listener asked if the members prepared their halloween '
'costumes and props by themselves\n'
'JH: Nope, our stylist and hair &...',
'RT @Croydex: 🕜 🐯 HAPPY HALLOWEEN! 🕝 🐯 It's the last day of our #competition! To '
'#win the products pictured including sweets! Count how many of...',
'RT @javy23baez: My First Halloween whitps://t.co/WkCum8JAZZ',
"RT @mellentuck: iman shumpert and teyana taylor's daughter dressed as a "
'loofah\n'
'\n'
'she won halloween and there is no debate about it\n'
'https://t...',
'RT @MBARI News: The #Vampire squid may sound like something out of a '
"#halloween movie, but it's not what you think. It's actually a small,...",
```

```
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'Beyoncé was Flo-Jo for Halloween https://t.co/5duRcu5eD3',
'RT @ichigogoooooooo: SUPER DUPER last minute halloweeny gijinkas of some '
'cute Starbucks japan exclusive drinks 🎃 🖱 🎔 💔 HAPPY HALLOWEEN !!!! h...',
'RT @casdeanie: my fave halloween duo https://t.co/kPCmjD5vdp',
'RT @headfallsoff: it's halloween and we've got a spoooooky episode of '
'abnormal mapping for you!! by which we mean we played the cult classi...',
'RT @NPG: In case you thought your #Halloween costume was the cutest — you
'must've missed @_parkercurry as #AmySheralds's #MichelleObama por...',
'RT @m yosry2012: Squirrel and Halloween https://t.co/eN18y01MDA',
'RT @Double0suge: My daughter was me for Halloween 😝 ♥ https://t.co/oViNx5mybS',
'RT @HollywoodLife: Jihoon wore a Teletubby costume for #Halloween & IT.
'WAS. ICONIC! https://t.co/LRswwUUtgH https://t.co/LMMz5TRQNg',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @backstreetboys: Don't forget that we'll be upgrading some fans with the '
'best costumes at the show tonight! Tweet us your seat number &...',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @shesagooon: BatMomma & BatBaby. 🖾 💛 🖤 Happy Halloween y'all! '
'https://t.co/f8fya2ZONJ',
'Halloween socks off, Christmas socks on',
'RT @KendallRaeOnYT: Lmao Teddy's got jokes https://t.co/5i3Bkk6Qa3',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @barstoolsports: There Is No Bigger Asshole In The World Than The Person '
'Who Gives Out Pocket Constitutions For Halloween https://t.co/w...',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'Damn we still gotta see Halloween costumes for another 2-3 days.',
'Philip Morris les desea feliz Halloween https://t.co/E84YQQ5q2Y',
'My parents brought like 5 bags of sweets for Halloween & not one person '
'stopped at our house.. so this means the ne... https://t.co/PL81UyNsGv',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @dctwist202: OKay Halloween is over,girls can stop being hoes now 🤣',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @halsey: I hate these "$100 dollars to any girl who didn't dress like a '
'hoe this Halloween" tweets. How about I say $200 to any girl who...',
'"Happy Hydra.\n\nI mean Halloween."',
"RT @jk rowling: Argh! STOP SENDING ME CUTE BABIES I CAN'T STOP LOOKING. "
'https://t.co/qWV5BJTKI7',
"RT @vogueaustralia: See every single one of @heidiklum's legendary "
'#Halloween costumes. https://t.co/2IznvgmSSs https://t.co/AF1ViAsVQl',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
"RT @Castlevania: Happy halloween! By popular demand here's the season 2 "
"stained glass cover photo from @netflix! As a special treat I've al...",
'RT @MichelleObama: You nailed the look, Parker! I love it!!!!
'https://t.co/40CArze8gT',
'RT @CallMeAmber21: he takes the most beautiful photos of me '
'https://t.co/mDttxB2N2T',
'RT @ledererkathi: spreading some halloween vibes with those bloody '
'cheekbones  https://t.co/4go5M7wbaH',
'RT @TrashTalk fr: Derrick Rose traverse le temps face au Jazz en signant son '
'career-high : welcome back Mister MVP, and happy Halloween htt...',
'Two held after girl, 17, seriously injured in Sheffield attack\n'
'https://t.co/Aj4vPtmAoh',
"RT @NelsonForTexas: You know what's really scary this Halloween? The fact "
"that the top lawyer of Texas can't follow the law himself. https:...",
'RT @GalGadot: I love the day after Halloween! And love seeing you all
'dressed up. Looking good all you WONDER - boy, girls, women, and men...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
```

```
'\n'
'#NCT127 #NCT127 Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'Had a great #Halloween\u2060 with my family, but what topped off this year '
'is the scare @bisping received 🕡 🤣 https://t.co/yubfF8HUVC',
'Halloween's over so at least now the people who think a woman's body is an '
'absolutely outrageous and awful thing to... https://t.co/6Zh0TNXIIB',
'RT @PopCrave: .@SophieT and @JoeJonas dressed up as Morticia and Gomez from '
'#TheAddamsFamily for Halloween. https://t.co/ZVKnIRpTqh',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'I don't know who post Malone is. I know Karl Malone.',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @shanedawson: a stranger whispered "stop sucking in so hard" into my ear '
'tonight. i'm so glad halloween is over 😜',
'RT @aeridays: \List all the songs in DMUMT\n'
'\n'
'XUse the hashtag #TempoIsComingX\n'
"Let's go, we're taking over halloween \(\bar{\righta}\)\n"
'#TempoIsComing @weare...',
'chelsea is back!!!',
'Why does donghae look like he's dead inside for the SM Halloween party is he '
'ok',
'RT @laur_akins: 破 HAPPY HALLOWEEN 🚱 from Sulley 💙, little Boo 💙, Mike '
'Wazowski ♥♥, aaaaand Mike's girlfriend-Celia Mae 🏔 \u200d♀ 🧸 https://t.co/...',
'This was the first Halloween I did literally nothing but take someone trick
"or treating and I'm not even mad .",
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'@gazbrookeslfc @Patriots They were white fuzzy leg warmers I got at a '
'halloween store!',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @Adam Abramson1: Is your costume supposed to be Joe West or MLB replay? '
'https://t.co/yFUU2tsaoA',
'RT @jacquelinenamor: This house really gave out tacos instead of candy for '
'Halloween (a) https://t.co/1MANQNcc0z',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @BeyonceTribe: Beyoncé & JAY-Z as the Olympic athletes Tommie Smith '
'& Florence Flo-Jo Griffith-Joyner. #Halloween https://t.co/za032i0Pg5',
'My Instagram feed is strictly girls in fine ass costumes right. God bless
'Halloween ⚠',
'I had the scariest Halloween! Fight me! https://t.co/hZ5WAILiwf',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @Katisonna: Forget Halloween and Christmas this is gonna be my new '
"favorite 'Holiday' 😉 https://t.co/XouqJ9zUoJ",
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @antoniiogarza21: I just gained 5 pounds from eating halloween candy but '
'so did everyone else in america so if you do the math it basica...',
'RT @MarcoReyRojas: The Kardashians know how to Halloween',
'365 days until Halloween.',
'RT @blkgirlculture: Beyoncé as Flo-Jo for her second Halloween look 🎔 '
```

```
'https://t.co/JJkSmC3uHv',
'RT @Hbomberguy: Spent hours of my life painting a pumpkin a color no-one '
"will see when it's dark, feeling very cool.\n"
'How yall doin out ther...',
'Got me beat 😂 @gratatyra @issahhbell',
'RT @toddzer1: Halloween party at the Hunters Moon #funinside #3b '
'#iftheywontdoitiwill #shadowhunters https://t.co/NbnMK0TclO',
'RT @Neesha2414: Y'all wildn stop it 
https://t.co/D9qtZ1BtNS',
'RT @ISUPD: PLEASE check your candy VERY CAREFULLY this halloween. We found '
'CyRide 7132 in this bag of caramel m& m's. https://t.co/deJyMnO7...',
'RT @RAstrong12: Do girls have like like 10 Halloween costumes each, just '
'laying around to be worn once a year?',
'RT @HollywoodLife: Jihoon wore a Teletubby costume for #Halloween & IT. '
'WAS. ICONIC! https://t.co/LRswwUUtgH https://t.co/LMMz5TRQNg',
'RT @Namastaywoke: He's right ladies. Why restrict yourself. Dress like a '
'thot the other days too! https://t.co/cSAZYhM5X4',
'RT @JimCarrey: Some people aren't pretending to be monsters. Happy '
'Halloween. https://t.co/UOH0V4zQfV',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💝
'https://t.co/40CArze8gT',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @barstoolsports: There Is No Bigger Asshole In The World Than The Person '
'Who Gives Out Pocket Constitutions For Halloween https://t.co/w...',
'RT @urdaddylen: appreciation tweet for the little pumpkin that appears when '
'you like a tweet #halloween https://t.co/a3wCXx50DS',
"RT @thehicklife: 'Twas the day after Halloween,\n"
'And all through the land,\n'
'Forget about the turkey,\n'
"It's Christmas time, man!\n"
'Forget about t...',
'RT @NahBabyNah: My kind of #Halloween Party https://t.co/TtZ7L9ZA9m',
'RT @klsywd: Rosalind Franklin pumpkin complete with B-DNA X-ray diffraction '
'pattern (by @klsywd) #GhostInTheGenome @genomecenter #Halloween...',
'@chelseacharbel I miss u too mommy... happy Halloween w',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @SiriusXMFantasy: Here are the FINAL results of our #Halloween Candy '
'Draft on #GuruInTheMorning! Vote in the poll below to tell us who y...',
'RT @meanspice: dear girls dressed in slutty halloween costumes,\n'
'\n'
'i love u so much ur the foundation of society pls stay safe and warm <333',
'This is so cute (2)',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM_WeGoUp\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @ShahadEast: Missy Elliot as herself for Halloween, because she can do '
'that. https://t.co/UiomG73C7u',
'Happy Halloween from the Specials at Rockwell! https://t.co/iXrawDEYrh',
'YESSIR! You learn a thing or two when you\'re 5"8\' and 320 pounds by the '
'age of 29! And a lot of that candy is on cl... https://t.co/gQHlBIpNjD',
'they really think anyone cares that they waste their time dressing up as '
'their shitty memes that 99% of people irl... https://t.co/lhBgfUiqQ1',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'Halloween https://t.co/SBJGwokvC4',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
```

```
'RT @its elleleigh: Happy Halloween Everyone!! 💙 🐷 #bts @BTS twt @bts bighit '
'#HappyHalloween #HappyHalloween2018 https://t.co/H6uBIdePPC',
'@daz black the main problem is that in America we still have school on '
'halloween!!!!!!!!',
'RT @ michael v2: every day is halloween',
'RT @yesnocse: Feliz Halloween! https://t.co/SaepW00IOp',
'RT @birwiye: Montebello takes Halloween pretty seriously
'https://t.co/Dwp7XrPxVm',
'Hands down, fave costume of the year',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
"I'm so mad I have to wait until August for this book. I am SO SO excited to "
'read it and this cover is amazing.',
'RT @Lyndsey Harvey: If anyone in Salisbury had a child return home from '
'trick or treating with a BEAUTIFUL JOHN LEWIS SALAD BOWL, that is m...',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'We want all NCT MEMBERS to dance on their halloween costumes @SMTOWNGLOBAL',
'RT @jaehyunbom : Listener asked if the members prepared their halloween
'costumes and props by themselves\n'
'JH: Nope, our stylist and hair &...',
'RT @taylibswift: in honor of today being halloween, i'll be giving away one '
'of these sweatshirts. anyone who RETWEETS this will be entered....',
'RT @chwip: 🐯 😭 WANNA ONE HALLOWEEN 🎳 🚱 \n'
'\n'
' #워너원 #WannaOne #Halloween #Halloween2018 https://t.co/QvLN0jlDka',
'RT @MujeebS9: #Protest #Halloween in the US vs Halloween in #Pakistan #TLP '
'celebrates Halloween with religious zeal \n'
'That typical phrase "M...',
'RT @HollywoodLife: Jihoon wore a Teletubby costume for #Halloween & IT. '
'WAS. ICONIC! https://t.co/LRswwUUtgH https://t.co/LMMz5TRQNg',
"RT @Browns: .@God Son80's #Halloween costume ... 😉 \n"
'\n'
"BLESS'M ∰ https://t.co/SMZEdXxX66",
'RT @rhettandlink: Waking up the day after Halloween like '
'https://t.co/hhGdGFvDn6',
'RT @jannellee o: I was gonna try and carve a pumpkin again this year, but I '
'didn't have the tools haha\n'
'So I had to work with paint/ink~\n'
'\n'
'I...',
'RT @extratv: Happy Heidi-ween! @heidiklum & BF Tom Kaulitz went as Shrek '
'& Fiona for her #Halloween bash! Pics: https://t.co/Uo8ayXFJxM htt...',
'WOW. I listened to the ORIGINAL MAGGIE MAY, about a streetwalker , in
'Liverpool, who steals from the Dock Workers.... https://t.co/BLcNREfgGw',
'RT @ShopPinkBlush: HALLOWEEN style is in their BONES! We LOVE '
"@peacelovestyleblog's spooky style in a PinkBlush dress! 🏂 To WIN a $50 "
'PinkB...',
'RT @TylerRugge: Your lips look the same https://t.co/Vk1qvhuT4w',
'RT @CNN: The little girl who went viral for being awestruck with Michelle '
"Obama's portrait dressed as the former first lady this Halloween...",
'RT @MysticMoc: TJ Faiane is celebrating his victory!'
'https://t.co/Opa4ESA0yN\n'
'\n'
'#HappyHalloween #Halloween2018 #Halloween #WednesdayWisdom #...',
"@JoseGonzJr I'm wondering how you are not had chat in ages lol 😝 did you "
'have a great halloween ⊕ ♥ ゅ https://t.co/5oNQa9FHRX',
'Solid reference here. \n'
'\n'
'Phish Halloween 2018 - Recap & Dry; Setlist https://t.co/Knq1KLBaRU',
'RT @BunnyAyu: Happy Halloween 🚱 https://t.co/7NJVKeE3Jd',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @Stoney Blu: Y'all got 4 year olds dressed as SZA album cover for
'Halloween instead of gettin her the Doc McStuffins costume she begged...',
```

```
'RT @jaeminpic: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'#JAEMIN cut https://t.co/IW2kkSsUcm',
'RT @hitRECordJoe: Last night I was the baker who bakes til dawn (so we can '
'have cake in the morn) https://t.co/RjBtnNfQmV #Halloween https...',
'RT @savannahlmay: Halloween mood [[][[]] @AmarrWooten https://t.co/k7hnWZI4Mq',
'RT @MapleLeafs: Bearanormal Activity.\n'
'\n'
'@CarltonTheBear served up some scares to get the Leafs in the #Halloween '
'spirit.\n'
'\n'
'Have a safe and ha...',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @UCIrvine: Aldrich Park looking spooky this #Halloween morning. '
'https://t.co/UR172YM808',
'RT @bunbunbun05: HAPPY HALLOWEEN 🤣 🐷 🔯 https://t.co/TmoOve8Hgq',
'Everyone's Halloween costumes are cute and all but i'll never forget last '
'year during Purim when my Rabbi dressed u... https://t.co/g8B5mPYXuS',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @noturhynaa: this is the most unHalloween Halloween of all Halloweens',
'RT @nyc311: Halloween is over and that means it's time for @NYCSanitation's '
'Pumpkin Smash 2018. City residents can bring their pumpkins, go...',
'RT @maik check: Hey Hey Happy Halloween! 🐷 \n'
"Here's some Filipino Cryptids https://t.co/L9MQIdzKbF",
'RT @ikebarinholtz: "Here is an amusing tweet that pokes fun at the fact that '
'when people see my face they think about one of the creepiest...',
'RT @Namastaywoke: He's right ladies. Why restrict yourself. Dress like a '
'thot the other days too! https://t.co/cSAZYhM5X4',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @_jalenrobinson_: He won Halloween https://t.co/1I50551Jt6',
'RT @1E50A214: HALLOWEEN 🐷 #NOMIN #젠잼 https://t.co/Z2F0J9vgTd',
'RT @aidan: tonight don't feel like halloween',
'Chief the puppy is very grateful everyone had a Happy and Safe Halloween '
'yesterday! 🐯 🤄 https://t.co/jlhKRB9uzT',
'RT @m yosry2012: Squirrel and Halloween https://t.co/eNl8y01MDA',
'RT @chrisdelia: What about the... movie? No one cared then?
'https://t.co/AYomheueWL',
'RT @yensantosofc: Happy Halloween♥ https://t.co/gqSw003Hl0',
'RT @fakebarbiexxx: 🥺 ♥ Happy (late) Halloween ♥ 💀 https://t.co/3ELTWz42Pl',
'RT @S010DMs: OUR FIRST GIVEAWAY IS A HUGE 5SOS 4/4 PLUS BAND DM! \n'
'\n'
'To enter this giveaway there is a few rules:\n'
'RT THIS TWEET\n'
'MUST BE FOLLO...',
'Happy Halloween featuring our Rare ROX Erica Choker inspired by the '
'Elizabethan Era.\xa0\xa0Swipe to see all of the diffe...
'https://t.co/83jZACH5La',
'RT @Sephspeaks: Very cute. https://t.co/PCJaHmafa1',
"RT @GameGrumps: IT'S HALLOWEEN!!!!!!!!! https://t.co/uAwr121xdI",
'RT @HoIyAnneMarie: Happy... Halloween hang over? https://t.co/WlAao0u305',
'RT @Prettyboii Ryan: Happy Halloween 🐷 hope everyone has fun and stays safe '
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
```

```
'https://t.co/40CArze8gT',
'RT @ jalenrobinson : He won Halloween https://t.co/1I50551Jt6',
'RT @rhettandlink: Waking up the day after Halloween like '
'https://t.co/hhGdGFvDn6',
'RT @KimKardashian: I hate when someone calls you "boo" like WTF are u trying '
'to scare me...BOO!!! Its not Halloween!',
'This Halloween wasn't as crazy but I wouldn't have done it any other way@ '
'being around the right people and the ri... https://t.co/OaVgPPmHuu',
'RT @careyanne108: This is the least spooky halloween I've experienced my '
'whole life',
'RT @guywalters: Salisbury in the news AGAIN. https://t.co/fohK7YLOqR',
'RT @TheStickupBoy: The hell you suppose to be https://t.co/tyF0809ycW',
'RT @ladygaga: Halloween is everyday for me I'm taking the night off. Ladies '
'and Gentlemen.... The Chia Pets!!!! 😝 🌑 🕒 🕒 #HappyHalloween\u2060 \u2060 #Ha…',
'RT @inthecivic: I was a black cookout dad named Eugene Johnson for '
"Halloween. I'm way too extra for making this https://t.co/3BWH4CKoqJ",
'RT @2Shanez: My little sister went as Shuri. Happy Halloween 🐷
'https://t.co/xY5oG98GNp',
'RT @ABCDEFGHIrock: scare em once a year like i'm Halloween 🐷 '
'https://t.co/p82k201krV',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @fu dad: Me: HALLOWEEN!!!\n\nWeen: Hallo!',
'RT @greenIight: happy halloween https://t.co/717Prh40bL',
'RT @FORIAMHERE: Happy Halloween everyone https://t.co/30Hk4I9Ygh',
'RT @12nighthorror: #HALLOWEEN IS OVER... ON THE GOOD SIDE, ONLY 364 DAYS '
'UNTIL HALLOWEEN 2019!\n'
'#Horror https://t.co/M1rWutnz40',
'RT @melannieel: spent the whole night with my mans 🤪 happy Halloween '
'bitchesssssssssss 54 days till Christmas 🛕 🍪 😇 👨 🖥 📑 ',
'RT @HistoryExtra: What are soul cakes, traditionally made and eaten at '
'#Halloween? https://t.co/t6Te9Wd2n6 #quiz @KL Clements https://t.co/...',
'@bigbadpua Halloween is "amateur night." You\'re pro. Too much noise in '
'the signal.',
'RT @SheaCarson01: its frickin bats, I love Halloween https://t.co/6buI1uXX0J',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @Things4WhitePpl: Listening to Christmas music the day after Halloween',
'RT @TeenRisingWolf: Happy Halloween, everyone ₩ \n'
'#TRCNG #WolfBaby \n'
'\n'
'One of my favourite days kk https://t.co/Ycihq5Qzfd',
'RT @collegeproblem: can't spell halloween without the few L's you take in '
'class before the fun even begins',
'RT @ parkercurry: Happy #Halloween! Can you guess who I am? '
'https://t.co/LZA95MT9rl',
'Reason for the visit. Mom's birthday was Halloween. #missthem #imtheeldernow '
'#family @ Eagle Point National Cemetery https://t.co/J0x074VnbI',
'RT @tayleeann_92: In T.A. this little boy asked me, "what are you for
'Halloween?" I said, "myself." Then this other little boy whispers, "a p...',
'Missy Elliott dressing up as Missy Elliot is everything',
"RT @Woodsdemars: I guess I'm grown now https://t.co/sKUugLNuRR",
'RT @archtaeology: wifey 😂 🤩 😉 you look so good!!!! https://t.co/8iFLV6uKiU',
'RT @MattJackson13: Happy Halloween from The Elite. https://t.co/adZ5mYT6GE',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @Double0suge: My daughter was me for Halloween ⊜♥ https://t.co/oVjNx5mybS',
'RT @jyoungwhite: first halloween w/ my girls 🥺 🎔 https://t.co/0TDi2JUxbB',
'RT @stephaniemarya: did someone say halloween https://t.co/1sT0qKx7X9',
'RT @BuxbiArts: Happy Halloween!! https://t.co/vCocIH0ApX',
'RT @Yazman2827: @RealJamesWoods Happy Halloween! https://t.co/hBn1bxmFGV',
```

```
'RT @lexxibrookes: See what i posted for Halloween https://t.co/ZBFVp5U97g '
'https://t.co/PqAkXOR61W',
'@MrsRabbitResist I hope you and your family had a very fun and spooiktacular '
'Halloween mine was great, did a lot of... https://t.co/02NDzL7WQr',
"Busy Philipps' Favorite Celeb Halloween Costume Goes\xa0to...
'https://t.co/531b3p0L24',
'RT @m_yosry2012: Happy Halloween https://t.co/OQato5w986',
'RT @KylieJenner: Happy Halloween 💹 ❤️ #BARBIE https://t.co/AqbFLpBUM6',
"RT @Stripping4Jesus: Halloween is officially done, it's time.
'https://t.co/2CGcN6t5Eg',
'RT @rhettandlink: Waking up the day after Halloween like '
'https://t.co/hhGdGFvDn6',
'RT @60UvU: 181031 - Halloween 🐼 🚱 🐃 \n'
'\n'
'#60FANART\n'
'#REDVELVET\n'
'#WENSEUL ₩ https://t.co/X87ZYghtLz',
'HER LITTLE SISTER WAS HER POLICE ESCORT! (2),
'RT @JohnLegere: For #Halloween I dressed up as the scariest thing I '
'know…@Verizon! 🔞 The scariest part? I went around handing out ridiculou…',
"RT @matticartwrigh1: Well that was the worst halloween I've ever had",
'RT @lumecluster: Happy Halloween from CA!!! Some more bts and silliness with '
'Yiaz Yang. These guys are awesome. Whose idea was it to be gau...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7ngFEku',
'RT @PicturesFoIder: Happy Halloween https://t.co/Vricx16bRZ',
'RT @ConchaElizabeth: Feliz Halloween!!!\n'
'#BizimHiyake \n'
'#BarFi \n'
'#FilizElibol\n'
'#BarışAktan\n'
'#HazalKaya \n'
'#BurakDeniz https://t.co/pY01eTfgV9',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @ sluttybrat: when you don't find marijuana edibles in your halloween '
'candy like the news warned you about https://t.co/qBbIBPIVbT',
'RT @calebmclaughlin: Who's dressing up for Halloween?! 🐷 🥱',
'RT @bondoc janelle: Happy halloween--\n'
'@BTS_twt #MAMAVOTE #BTS https://t.co/b28mgF5k9m',
'RT @Dolphin Resist: @R2D2Resists @MagnetoResists @HitGirlResists '
'@AryaResists @BatgirlResists @ShuriResists @Prometheus_2018 @eyeofthegodde...',
'RT @ItsMe JessicaT: #HappyHalloween y'all ♥♥ #WonderWomanWednesday '
'#Halloween #DressUp ₩ → https://t.co/khoMPJPCnW',
'RT @60UvU: 181031 - Halloween 🐷 🤪 🐃 \n'
'\n'
'#60FANART\n'
'#REDVELVET\n'
'#WENSEUL₩ https://t.co/X87ZYghtLz',
'RT @tedcruz: Happy Halloween https://t.co/jIgTaIMzep',
'RT @PLTgaming: Halloween Squad LIVE! \(\bigsymbol{0}\)
'\n'
'Catch the stream at https://t.co/Tb7L91sVPS.\n'
'Follow Squad + RT + ♥ to enter #giveaway for RIG 500...',
'RT @ jalenrobinson : He won Halloween⊜ https://t.co/1I50551Jt6',
'RT @WeeMissBea: My Halloween costume is The Head Of The Witch Hunt. I'm '
'dressing like a regular woman talking honestly about her experience...',
'RT @EiTeamIndia: Victoria's Secret model Devon Windsor and her boyfriend '
```

```
'Johnny Dex were dressed up as Enrique Iglesias & Anna Kournikova f...',
'RT @irvingxlopez: if you're offended by this, grow up. y'all really try to '
'find racism in every little thing. https://t.co/SIk9CHUn8H',
'i entered @grav3yardgirl HALLOWEEN TREAT BAG GIVEAWAY! '
'https://t.co/lIldiYfTot',
'RT @HopeSmiling0218: 151029 VAPP Halloween Party \(\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\ove
' 🔗 🤔 🚱 🏖 🏖 \n '
'#방탄소년단 #제이홉 #호석 #홉이 #호삐 @BTS twt https://t.co/tatBlpLHVL',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @60UvU: 181031 - Halloween 🐷 🚱 🕷 \n'
'\n'
'#60FANART\n'
'#REDVELVET\n'
'#WENSEUL₩ https://t.co/X87ZYghtLz',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @gcc4all: Good morning #Castle Fans! Hope you all had a good '
'#HappyHalloween2018 ! Here we send you some funny pics of @sunkrishbala !...',
'In the last 2 days I've had sex with Wonder Woman and an Angel...damn I'm
'going to miss Halloween lol #Halloween2018',
'RT @NCTsmtown: NCT DREAM 'We Go Up' Halloween Costume Ver.\n'
'\n'
'#NCTDREAM #NCTDREAM WeGoUp\n'
'#NCT\n'
'#DancePractice #Halloween https://t.co/TsyAoOIr...',
'RT @Dolphin Project: Tricks and treats are for Halloween, not dolphins. 🐷 🚱 . '
'Watch/Share/Act → https://t.co/gOyUyA3sE2 #DolphinProject #Dont...',
'RT @OfficeScenes: bc its Halloween https://t.co/8099eyBps2',
"RT @CarlHigbie: .@BarbraStreisand says she doesn't care if she offends "
'@realDonaldTrump supporters... Pound sand Barb!\n'
'.@HillaryClinton thi...',
'RT @SanyaWarriors: Regran_ed from @sanyalopez - Tried to be Black Widow '
'but it turned out Criminal ⊜ ⊖\n'
'Happy Halloween 🤣 \n'
'@artistcenter @...',
'RT @1E50A214: HALLOWEEN 🐷 #NOMIN #젠잼 https://t.co/Z2F0J9vgTd',
'RT @markiplier: HAPPY HALLOWEEN!! Ready for the scariest haunted house of '
'all time? Well Markiplier Manor is open for the next 6 hours! htt...',
'RT @NCTsmtown: NCT 127 'Regular' Halloween Costume Ver.\n'
'\n'
'#NCT127 #NCT127_Regular\n'
'#NCT \n'
'#DancePractice #Halloween https://t.co/t6u7nqFEku',
'RT @DennisDMZ: On an ALL-NEW #DennisMillerOption, we talk Whitey Bulger, '
'Megyn Kelly, Streisand threatening to move to Canada (again), Mery...',
'RT @davidmackau: remember Parker Curry, the toddler who was obsessed with '
'@MichelleObama's portrait? \n'
'\n'
'Her mom, Jessica, just sent me this...',
'RT @ysl dell: It's Halloween whitps://t.co/EWQAthnEnl',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
"I can't stop looking at the dumb red balloon in the Halloween dance practice",
'RT @ jalenrobinson : He won Halloween 😝 https://t.co/1I50551Jt6',
'RT @Double0suge: My daughter was me for Halloween ⊜♥ https://t.co/oVjNx5mybS',
'RT @peachcentral: jaehyun consistently dresses up as Handsome Characters...
'he's the halloween thot local twitter hates',
'Happy Halloween from the Marvel family. Lil'Hulk got all the tips and tricks '
'from his friendly neighborhood Spider-... https://t.co/bcRXoDEZw7',
```

```
'RT @lovingcmila: i wanna know what camila is going to wear this halloween, '
'in 2016 she was a fat grandma trying to find her cat and the las...',
'@FortniteGame A team leader outfit for Halloween on nov 1st...',
'RT @KimYeMedia: HALLOWEEN 2018 🔥 https://t.co/yLXd7RYfiy',
'RT @nosoyirmaa: Happy halloween! https://t.co/OsdEAdKLSe',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'I'm still very disappointed in the 99% if people there who didn't know who I '
'was 🙄 😜 ',
'RT @Zendaya: You see, the misconception is that I don't like Halloween...I '
'love Halloween, I just like watching OTHER people dress up. I dr...',
'RT @Sethrogen: Someone dressed as me and a bong for Halloween. '
'https://t.co/8bJ2AeSK1W',
'RT @ jalenrobinson : He won Halloween 😝 https://t.co/1I50551Jt6',
'RT @lrstepsquad: Happy Halloween! #ladyraiders #stepteam
'#harvestmoonparty2018 #bewaretheharvestmoon #fulloutforever '
'https://t.co/fBTsw8RZwR',
'RT @VanityPups: All #petgromming #doggrooming #catgrooming & #puppies on '
'#sale today for #halloween #sale... https://t.co/3qMPDi1o48',
'RT @BuzzFeedNews: Remember the little girl who was obsessed with Michelle '
"Obama's portrait? Guess who she dressed as for Halloween 💙 https...",
'RT @GetOutKids: Turn your carved pumpkin into a bird feeder now Halloween is '
'over https://t.co/KTzNTEdn8U #nature #recycle #birds #nature #...',
'RT @boredfather: happy halloween from our lady of sorrows '
'https://t.co/D3RdLEwImq',
'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
'to be MORE likable https://t.co/W3hcR6ILSm',
'RT @EmersonRoseMar2: me halloween morning: let's get this dead\n'
'me in the middle of halloween: let's get this blood-shed\n'
'Me after Halloween:...',
"can't have multiple piercings, i'll just wear big ones. No problemo. Happy "
'halloween! https://t.co/qoaZ6qIuou',
'RT @sometimeshector: the bad guys are here to spread terror and fear \n'
'\n'
'and also wish you a happy halloween & etc 🐷 https://t.co/ABQ7hZKlV1',
"RT @heymissbaker: Me: Okay, let's read another page. \n"
'\n'
"7yo: Actually, Miss Baker, I'm not going to be able to do that because "
'Halloween hap...',
'RT @queengissellee: Halloween for kids now a days sucks ass, the streets are '
'empty. When I was younger the streets would literally be flood...',
'Now that halloween is passed I can start conditioning my stomach for '
'Thanksgiving',
'RT @deesnider: Duuude! https://t.co/f9JJLuCbpG',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @jyoungwhite: first halloween w/ my girls 🥺 🎔 https://t.co/0TDi2JUxbB',
'RT @davidmackau: remember Parker Curry, the toddler who was obsessed with '
'@MichelleObama's portrait? \n'
'Her mom, Jessica, just sent me this...',
'Do you love "I Spy"? I got 9 out of 10 https://t.co/l6102VjvDa a Good Hidden '
'Score',
'RT @mabellarivas: Feliz halloween 🐷 🐷 🐷 https://t.co/Wl1cd6JLBk',
'RT @GracieuxLove: Because I love Halloween 🚯 https://t.co/NbHkoy6KCx',
'RT @BOB 1and only: That moment when you want to like someone's tweet and '
'also send it to the @FBI 😨 📆 \n'
'\n'
'#BetoForTexas https://t.co/09M2gYpC9y',
'RT @GusQuijass: This is Halloween https://t.co/lmis48C0k3',
'RT @Shadbase: Happy Halloween https://t.co/Vq9L0VKvmd',
"RT @RebelWilson: Here's a TREAT for you this HALLOWEEN! On Valentine's Day "
"2019 ISN'T IT ROMANTIC is coming out and here is the first ever...",
```

```
'Morning after Halloween got me like\nhttps://t.co/mvATkB2aPj'
'Time to go see if the Halloween candy is 70% off yet. \Theta = \mathcal{F} 
'RT @curlycomedy: Good morning to everyone but especially discounted '
'Halloween candy.',
'RT @backstreetboys: Love it!! #HappyHalloween 🕷 https://t.co/bnS1BA781y',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 💙 '
'https://t.co/40CArze8gT',
'RT @chanlfag: halloween is NOT an excuse to dress like a slut !\n'
'\n'
'dress like a slut everyday 🤩 you don't need an excuse',
'RT @NDDOCR: Have a safe and happy Halloween with these safety tips! '
'https://t.co/cOK7IVkYDJ',
'RT @xMangojuice: lil dude got caught w xan N blamed it on Halloween candy '
'lmao Legend https://t.co/4PX5ZqlIOQ',
'The best Halloween twitter 😂 🔞 ',
'RT @chwip: 🐼 🗱 WANNA ONE HALLOWEEN 🎇 🪱 \n'
'\n'
' #워너원 #WannaOne #Halloween #Halloween2018 https://t.co/QvLN0jlDka',
'I plan on matching Halloween costumes w my child until the day where he '
'breaks my heart and tells me he doesn't want to anymore',
'@FCBayern @R13_official what you thinking about the next halloween.. "black" '
'or "Jew"?\n'
'#UnculturedRafinha',
'Me because Halloween is over! (a) https://t.co/e5y9UR8BJi',
'when i worked and can't relate at allllll 🙃',
'RT @LeaGerard: "hey, can you dress up as a lamp for Halloween?"\n'
'\n'
'"yeah but why?" https://t.co/fsKSbfVYum',
'RT @alezander: At first I thought shawty dressed up as an acrylic nail for '
'halloween 😝 😧 https://t.co/YtlBO6gCcW',
'RT @Canelo: Happy Halloween 🐷 😈 https://t.co/rKccENqpHk',
'When are they gonna drop their halloween version dance practice? \pi\pi',
'should i still post my halloween makeup look from last night?',
'RT @BradSheffield: Made a deal with my wife a few months back that if was if '
'she was still pregnant come #Halloween, she'd dress up as Bob...',
'I got a Lil too lit for Halloween ▲\u200d♀',
'RT @MichelleObama: You nailed the look, Parker! I love it!!!! 🧡 '
'https://t.co/40CArze8gT',
'RT @Powercat_UoP: HAPPY HALLOWEEN to my spooky friends 🐷 🤌 I had lots of fun '
'handing out candy and game tickets for @PacificMensBB & @Pacif...',
'RT @theofficenbc: Taking down your Halloween decorations like...
'https://t.co/OJucPanP3x',
'RT @PicturesFoIder: Happy Halloween https://t.co/Vricx16bRZ',
'My Hawaiian family had a Happy Halloween in my Pac-Man costumes 🤩 love you '
'guys https://t.co/ySUZAZAJOP',
'RT @mikosana_: Happy Halloween, TWICE \n'
'@JYPETWICE #TZUYU #쯔위 #TWICE #트와이스 #Nayeon #나연 #모모 #MOMO #정연 #JEONGYEON
'#사나 #SANA #미나 #MINA #ONCEH...',
'Hey @Archrivalz \n'
'Your Zingo Fortune said,\n'
'"If you\'re thoughtful and polite, you\'ll never lose your appetite."\n'
'\n'
'Happy halloween! 🥱 🦁 ',
"RT @911CORLEBRA777: That's not so much a Halloween costume as it is day wear "
'for an active spy. Nice gaslighting by the way George \n'
'\n'
'@thesp...',
'RT @joejonas: Happy Halloween from Morticia & amp; Gomez Addams '
'https://t.co/FhLJuz0i9C',
'RT @QuirkElectro: Happy Halloween everyone! 4\n'
'\n'
'By: septicsavvy 8 https://t.co/nxngXiApNR',
```

```
'Beat Name : Scary Trap Beat\n'
         'Beat Style: Dark, Ambient, #halloween, Trap\n'
         'Beat link : https://t.co/nm...',
          'RT @FindSamDavis: Happy Halloween to all our followers and supporters. We '
         'hope you have a fun and safe evening. If you see Sam or know anyt...',
         'RT @MissyElliott: HAPPY HALLOWEEN! 😝 😝 😝 I figured I'd be Missy Elliott from '
         '"The Rain" video but the 2018 version I couldn't find my blow up...',
         'RT @LittleMix: Make up? Poundland.\n'
         'Wig? Woolworths.\n'
         'Costume? Bin bag.\n'
         'Halloween? Over.\n'
         '\n'
         'Jade x https://t.co/34lADq35Se',
          'RT @Helen09Porter: #Halloween May be over pals but dem Zombs are still out '
          'dere. Dis is me on pawtrol just before I deaded one RAAaaaaa...',
          'NCT DREAM 'We Go Up' Halloween Costume Ver. https://t.co/twy3GFQxWH via '
         '@YouTube',
         'RT @TheDweck: Ted Cruz is the only person who pretends to be a serial killer '
         'to be MORE likable https://t.co/W3hcR6ILSm',
         'RT @FawksFyre: Happy Howloween everyone !! Time to get spOwOky >:3 '
         '#howloween #Halloween #furryart https://t.co/VDJLElSUmI',
         "RT @NHM London: Halloween may be over but we're still on our guard for "
          'supernatural species this #FolkloreThursday.\n'
          'Thankfully, malacologis...',
         'RT @cockmurdock: happy halloween from ur favorite catholic '
         'https://t.co/4pwipuky1V',
         'Heroes cheerleader passionately leads her team to victory with gentrified '
         '"crumping". \n'
         '\n'
          'I was like am I in the game… https://t.co/QL3lePZ7kw',
         "RT @yourhandiheld: 🚱 🐯 HAPPY HALLOWEEN FROM THE BEST KIDS TO Ü 🐯 🚱 (riku's "
         'crying inside please luv him) https://t.co/FBnPPGZgO2',
         'RT @TaraPayne_: I thought my life was going well until I saw the kardashians '
          '/ Jenner's dressed up as VS angels for Halloween 🚱 who let the…',
         'RT @Michaelh3737: Sad to see Halloween dead']
In [7]:
         len(corpus contents)
Out[7]: 1000
```

'RT @ALANTcreative: New Beats Uploaded!!\n'

### (2) Vectorize the Corpus With TfidfVectorizer and Create a List of Unique Words

```
In [8]:
    from sklearn.feature_extraction.text import TfidfVectorizer

# Set a TfidfVecorizer instance object that remove stopwords (stop_words = 'english')
# and ignore terms that appears less than 2% of the documents (min_df = 2).
vectorizer = TfidfVectorizer(stop_words = 'english', min_df = 2)

# Using the TfidVectorizer instance object, tokenize all the strings in the corpus
# and return document-term TF-IDF matrix comprised of vectors for strings
doc_term_matrix = vectorizer.fit_transform(corpus_contents)

print(doc_term_matrix.shape) # 1000 documents (tweets) and 887 unique words
print(doc_term_matrix)
```

```
(1000, 887)
(0, 697) 0.38511866470801
```

```
(0, 280)
                         0.3688500277807765
           (0, 249)
                         0.31164323763533236
           (0, 870)
                         0.2778351069302481
           (0, 671)
                         0.38511866470801
                        0.0704408628923014
           (0, 321)
           (0, 339)
                        0.38511866470801
           (0, 634)
                        0.07008089509576916
           (1, 295)
                        0.3635621632653926
           (1, 370)
                        0.07912575631100026
           (1, 852)
                         0.3635621632653926
           (1, 312)
                         0.3409615244909181
           (1, 333)
                        0.3249261160886729
           (1, 434)
                        0.3635621632653926
           (1, 815)
                       0.2829108504511952
                     0.2829108504511952
0.28988744825261886
0.2636894301374788
0.3635621632653926
0.06943101685389305
0.06907620958547414
           (1, 762)
           (1, 202)
           (1, 642)
           (1, 321)
           (1, 634)
           (2, 127)
                       0.37558505701129974
                       0.36471447314483835
           (2, 573)
           (2, 163)
                        0.37558505701129974
           (996, 370)
                         0.12038542494081285
           (997, 167)
                          0.552078495846353
           (997, 416)
                         0.439695633558456
           (997, 379)
                         0.4958870647024045
           (997, 78)
                         0.4163740824955723
           (997, 330)
                         0.22152436399370987
           (997, 370) 0.11507878813600508
           (997, 321)
                       0.10097896881000508
           (997, 634)
                       0.10046294479487894
           (998, 391)
                         0.35780686179796894
           (998, 409)
                         0.34269196226673654
           (998, 829)
                         0.32138870787815316
           (998, 47)
                         0.35780686179796894
           (998, 765)
                         0.2608265920815593
           (998, 441)
                         0.30627380834692075
           (998, 297)
                         0.3000854534895697
           (998, 440)
                         0.29454978143619975
           (998, 208)
                         0.21915002421910687
           (998, 643)
                         0.35780686179796894
           (998, 321)
                         0.06544534556107467
           (998, 634)
                         0.06511090592096225
           (999, 184)
                          0.6466818531633218
           (999, 636)
                          0.738572919342692
           (999, 321)
                          0.13509008654989574
           (999, 634)
                          0.1343997474655625
In [9]:
          # Create a List of Unique Vocabulary
          unique_words = vectorizer.get_feature_names()
          print(len(unique words)) # Number of unique words
          print(unique words[:10])
         887
         ['0tdi2juxbb', '10', '100', '11th', '127', '151029', '181031', '181101', '19', '1e50a21
```

(0, 145)

(0, 572)

0.29410374385748145

0.38511866470801

### (3) NMF Decomposition using document-term matrix with TfidfVectorizer

```
In [10]: from sklearn import decomposition

# Set the Desired Number of Topics
num_topics = 5

# Set a Classifier (i.e. "clf") That Initializes the NMF Decomposition With the Assigned clf = decomposition.NMF(n_components = num_topics)

# Using the Classifier Object, Transform the Document-Term TF-IDF Matrix to Fit the NMF # and Return a Decomposed Matrix With the Number of Documents and the Number of Topics

doc_top_matrix = clf.fit_transform(doc_term_matrix)

print(doc_top_matrix.shape) # Check the shape of the matrix
print(doc_top_matrix)
```

```
(1000, 5)
                       0.
                                   0.00027065 0.054654371
[[0.
            0.
[0.
                       0.
                                              0.08909413]
            0.
[0.
            0.
                       0.
                                   0.05540277 0.0472334 ]
[0.0917804 0.
                       0.
                                              0.03721288]
                                              0.06263012]
[0.
            0.
                       0.
                                   0.
                       0.0011032 0.00196992 0.08234749]]
[0.00291224 0.
```

C:\Users\Blake\anaconda3\lib\site-packages\sklearn\decomposition\\_nmf.py:312: FutureWarn
ing: The 'init' value, when 'init=None' and n\_components is less than n\_samples and n\_fe
atures, will be changed from 'nndsvd' to 'nndsvda' in 1.1 (renaming of 0.26).
 warnings.warn(("The 'init' value, when 'init=None' and "

< name of the classifier >.components\_ returns a decomposed matrix with the number of topics and the number of terms.

```
In [11]:
          top term matrix = clf.components
          print(top_term_matrix.shape)
          print(top term matrix)
         (5, 887)
                                                           0.
         [[0.
                      0.
                                 0.
          [0.
                      0.00269896 0.
                                            ... 0.
                                                           0.
                                                                      0.
          [0.
                      0.
                                 0.
                                            ... 0.
                                                           0.
                                                                      0.
                                 0.
          [0.01503725 0.00983586 0.00430947 ... 0.00283797 0.00283797 0.00283797]]
```

#### (4) Now Let's Try to See the Constructed Topics

```
In [13]:
          # We Need Indices of the Top Key Words for Each Topic
          # How to Find Them? Sorting? We May Lose Their Origial Indices
          # You Can Use the np.argsort Function
          num top words = 5 # The top 5 words of each topic
          # Get the Indices of the 5 Largest Weights (From Smallest to Largest)
          np.argsort(topic 1)[-num top words:]
Out[13]: array([747, 634, 321, 370, 330], dtype=int64)
In [14]:
          # We Need the Top 5 Words From Top-Down
          np.argsort(topic_1)[-num_top_words:][::-1] # [::-1] will change its direction
Out[14]: array([330, 370, 321, 634, 747], dtype=int64)
In [15]:
          print(topic_1[330], topic_1[370], topic_1[321], topic_1[634], topic_1[747])
         2.310898617930497 0.9031976919187378 0.8846703982655016 0.7601853683679839 0.19049809191
         401104
In [16]:
          # We Can Use unique words
          print(unique_words[330], unique_words[370], unique_words[321], unique_words[634], unique
         happy https halloween rt tedcruz
In [17]:
          import numpy as np
          topic words = []
          num_top_words = 5 # The top 5 words of each topic
          # Go Over Each Component/Topic
          for topic in clf.components :
              # Get the Indices of the 5 Largest Weights (From Smallest to Largest)
              word_idx = np.argsort(topic)[-num_top_words:]
              temp lst = []
              # Let's See the Words Corresponding to the Indices
              for idx in word_idx[::-1]: # To access the largest weights first, plesae reverse the
                  temp lst.append(unique words[idx]) # Let's append a keywords of the topic to a
              topic words.append(temp lst) # Let's append a list of keyword of the topic to topic
In [18]:
          from pprint import pprint
          pprint(topic words)
         [['happy', 'https', 'halloween', 'rt', 'tedcruz'],
          ['love', '40carze8gt', 'nailed', 'parker', 'michelleobama'],
          ['_jalenrobinson_', '1i5o551jt6', 'won', 'https', 'rt'],
          ['nct', 'ver', 'costume', 'dancepractice', 'nctsmtown'],
          ['https', 'halloween', 'rt', 'like', 'dressed']]
```

#### (5) Summary

```
In [19]:
          import ison
          import numpy as np
          from pprint import pprint
          from sklearn.feature extraction.text import TfidfVectorizer
          from sklearn import decomposition
          import numpy as np
          infile = open('tweet_stream_halloween_1000.json')
          data = json.load(infile)
          infile.close()
          corpus contents = []
          for t in data:
              corpus contents.append(t['text'])
          vectorizer = TfidfVectorizer(stop words = 'english', min df = 2)
          doc_term_matrix = vectorizer.fit_transform(corpus_contents)
          unique words = vectorizer.get feature names()
          num topics = 5
          clf = decomposition.NMF(n components = num topics)
          doc top matrix = clf.fit transform(doc term matrix)
          top term matrix = clf.components
          topic words = []
          num top words = 5
          for topic in clf.components_:
              word_idx = np.argsort(topic)[-num_top_words:]
              temp lst = []
              for idx in word idx[::-1]:
                  temp lst.append(unique words[idx])
              topic_words.append(temp_lst)
          pprint(topic words)
```

```
[['happy', 'https', 'halloween', 'rt', 'tedcruz'],
  ['love', '40carze8gt', 'nailed', 'parker', 'michelleobama'],
  ['_jalenrobinson_', 'li5o551jt6', 'won', 'https', 'rt'],
  ['nct', 'ver', 'costume', 'dancepractice', 'nctsmtown'],
  ['https', 'halloween', 'rt', 'like', 'dressed']]
C:\Users\Blake\anaconda3\lib\site-packages\sklearn\decomposition\_nmf.py:312: FutureWarning: The 'init' value, when 'init=None' and n_components is less than n_samples and n_fe atures, will be changed from 'nndsvd' to 'nndsvda' in 1.1 (renaming of 0.26).
  warnings.warn(("The 'init' value, when 'init=None' and "
```

### (6) Practice: Customizing Stopwords For Topic Modeling With 1K Tweets

```
In [20]: from sklearn.feature_extraction import text
```

```
In [21]:
           my_additional_stop_word_list = ['rt', 'https']
In [22]:
           stop words = text.ENGLISH STOP WORDS.union(my additional stop word list)
In [23]:
           stop_words
Out[23]: frozenset({'a',
                       'about',
                      'above',
                      'across',
                      'after',
                      'afterwards',
                      'again',
                      'against',
                      'all',
                      'almost',
                      'alone',
                      'along',
                      'already',
                      'also',
                      'although',
                      'always',
                      'am',
                      'among',
                      'amongst',
                      'amount',
                      'an',
                      'and',
                      'another',
                      'any',
                      'anyhow',
                      'anyone',
                      'anything',
                      'anyway',
                      'anywhere',
                      'are',
                      'around',
                      'as',
'at',
                      'back',
                      'be',
                      'became',
                      'because',
                      'become',
                      'becomes',
                      'becoming',
                      'been',
                      'before',
                      'beforehand',
                      'behind',
                      'being',
                      'below',
                      'beside',
                      'besides',
                      'between',
                      'beyond',
                      'bill',
                      'both',
                      'bottom',
```

```
'but',
'by',
'call',
'can',
'cannot',
'cant',
'co',
'con',
'could',
'couldnt',
'cry',
'de',
'describe',
'detail',
'do',
'done',
'down',
'due',
'during',
'each',
'eg',
'eight',
'either',
'eleven',
'else',
'elsewhere',
'empty',
'enough',
'etc',
'even',
'ever',
'everyone',
'everything',
'everywhere',
'except',
'few',
'fifteen',
'fifty',
'fill',
'find',
'fire',
'first',
'five',
'for',
'former',
'formerly',
'forty',
'found',
'four',
'from',
'front',
'full',
'further',
'get',
'give',
'go',
'had',
'has',
'hasnt',
'have',
'he',
'hence',
'her',
'here',
```

```
'hereafter',
'hereby',
'herein',
'hereupon',
'hers',
'herself',
'him',
'himself',
'his',
'how',
'however',
'https',
'hundred',
'i',
'ie',
'if',
'in',
'inc',
'indeed',
'interest',
'into',
'is',
'it',
'its',
'itself',
'keep',
'last',
'latter',
'latterly',
'least',
'less',
'ltd',
'made',
'many',
'may',
'me',
'meanwhile',
'might',
'mill',
'mine',
'more',
'moreover',
'most',
'mostly',
'move',
'much',
'must',
'my',
'myself',
'name',
'namely',
'neither',
'never',
'nevertheless',
'next',
'nine',
'no',
'nobody',
'none',
'noone',
'nor',
'nothing',
'now',
'nowhere',
```

```
'of',
'off',
'often',
'on',
'once',
'one',
'only',
'onto',
'or',
'other',
'others',
'otherwise',
'our',
'ours',
'ourselves',
'out',
'over',
'own',
'part',
'per',
'perhaps',
'please',
'put',
'rather',
're',
'rt',
'same',
'see',
'seem',
'seemed',
'seeming',
'seems',
'serious',
'several',
'she',
'should',
'show',
'side',
'since',
'sincere',
'six',
'sixty',
'so',
'some',
'somehow',
'someone',
'something',
'sometime',
'sometimes',
'somewhere',
'still',
'such',
'system',
'take',
'ten',
'than',
'that',
'the',
'their',
'them',
'themselves',
'then',
'thence',
'there',
'thereafter',
```

```
'thereby',
'therefore',
'therein',
'thereupon',
'these',
'they',
'thick',
'thin',
'third',
'this',
'those',
'though',
'three',
'through',
'throughout',
'thru',
'thus',
'to',
'together',
'too',
'top',
'toward',
'towards',
'twelve',
'twenty',
'two',
'un',
'under',
'until',
'up',
'upon',
'us',
'very',
'via',
'was',
'we',
'well',
'were',
'what',
'whatever',
'when',
'whence',
'whenever',
'where',
'whereafter',
'whereas',
'whereby',
'wherein',
'whereupon',
'wherever',
'whether',
'which',
'while',
'whither',
'who',
'whoever',
'whole',
'whom',
'whose',
'why',
'will',
'with',
'within',
'without',
```

'would',

```
'yourself',
                        'yourselves'})
In [24]:
            import json
            import numpy as np
            from pprint import pprint
            from sklearn.feature_extraction.text import TfidfVectorizer
            from sklearn.feature extraction import text
            from sklearn import decomposition
            import numpy as np
            infile = open('tweet stream halloween 1000.json')
            data = json.load(infile)
            infile.close()
            corpus contents = []
            for t in data:
                 corpus_contents.append(t['text'])
            my additional stop word list = ['rt', 'https']
            my stop words = text.ENGLISH STOP WORDS.union(my additional stop word list)
            vectorizer = TfidfVectorizer(stop_words = my_stop_words, min_df = 2)
            doc term matrix = vectorizer.fit transform(corpus contents)
            unique_words = vectorizer.get_feature_names()
            num_topics = 5
            clf = decomposition.NMF(n components = num topics)
            doc_top_matrix = clf.fit_transform(doc_term_matrix)
            top_term_matrix = clf.components_
            topic words = []
            num top words = 5
            for topic in clf.components :
                word idx = np.argsort(topic)[-num top words:]
                temp lst = []
                for idx in word idx[::-1]:
                     temp lst.append(unique words[idx])
                topic words.append(temp lst)
            pprint(topic words)
           [['happy', 'halloween', 'tedcruz', 'jigtaimzep', 'amp'],
['love', '40carze8gt', 'nailed', 'parker', 'michelleobama'],
['1i5o551jt6', '_jalenrobinson_', 'won', 'halloween', 'dressed'],
['nct', 'ver', 'costume', 'dancepractice', 'nctsmtown'],
['halloween', 'like', 'dressed', 'dress', 'party']]
           C:\Users\Blake\anaconda3\lib\site-packages\sklearn\decomposition\ nmf.py:312: FutureWarn
           ing: The 'init' value, when 'init=None' and n_components is less than n_samples and n_fe
           atures, will be changed from 'nndsvd' to 'nndsvda' in 1.1 (renaming of 0.26).
             warnings.warn(("The 'init' value, when 'init=None' and "
```

'yet', 'you', 'your', 'yours',