

Political debate/speech generation with RNN

PROJEKTAS ANN

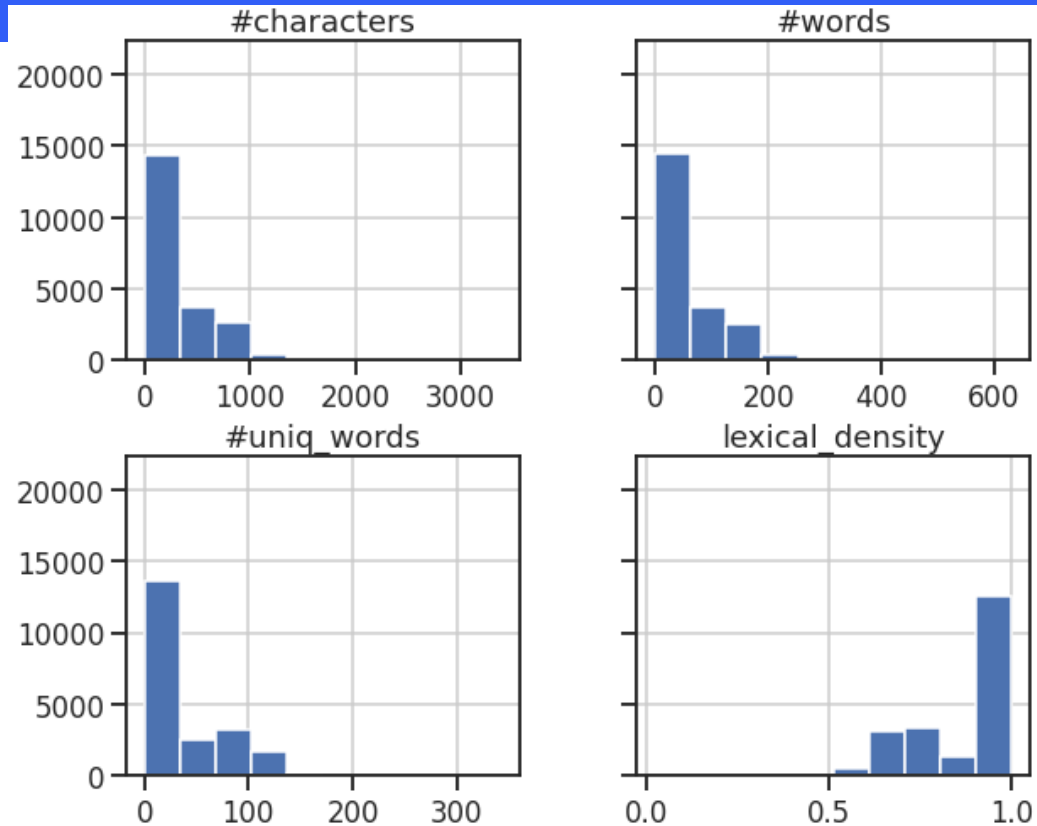
Kristijonas Silius
Fizika 3 kursas
2022 04 28



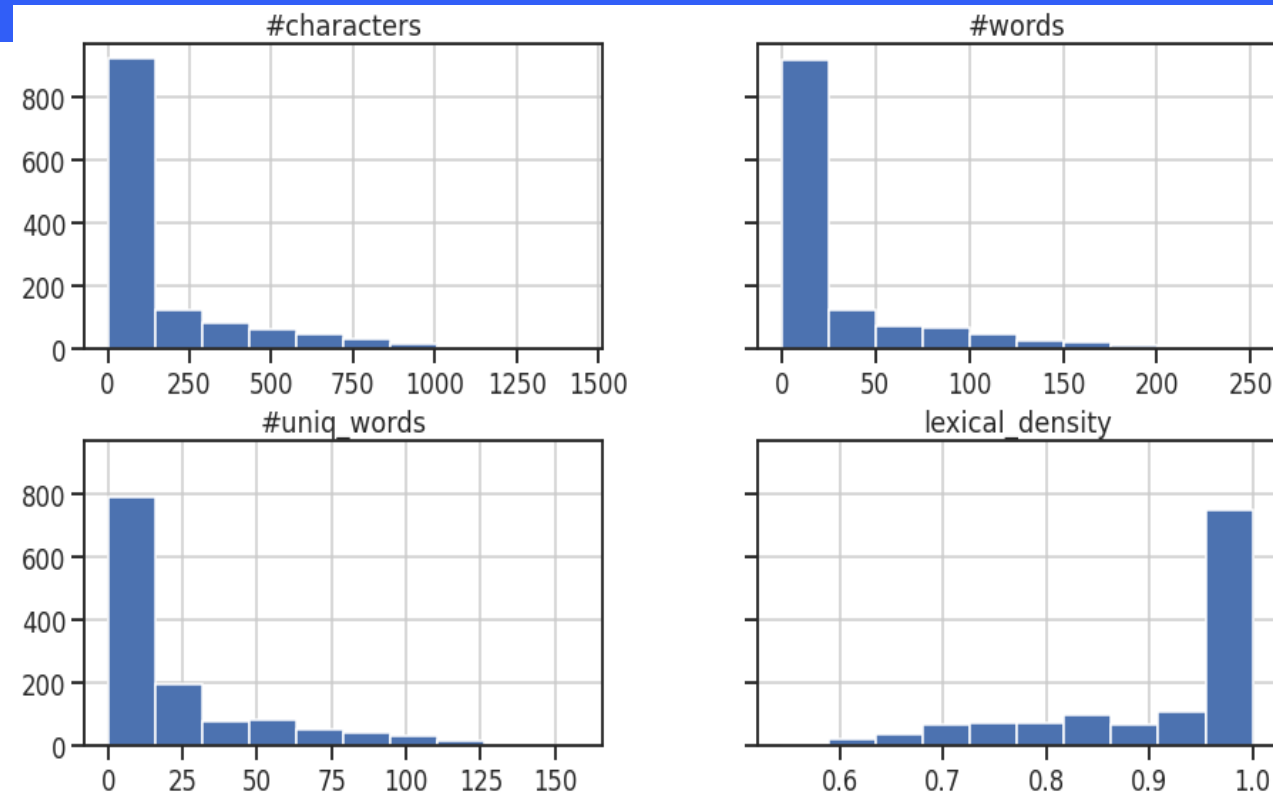
TRUMP vs TRUMPxBIDEN data sets

Y ašis atitinka, kalbų „pastraipas“;
X – atitinkamą dydį pagal grafiką.

TRUMP



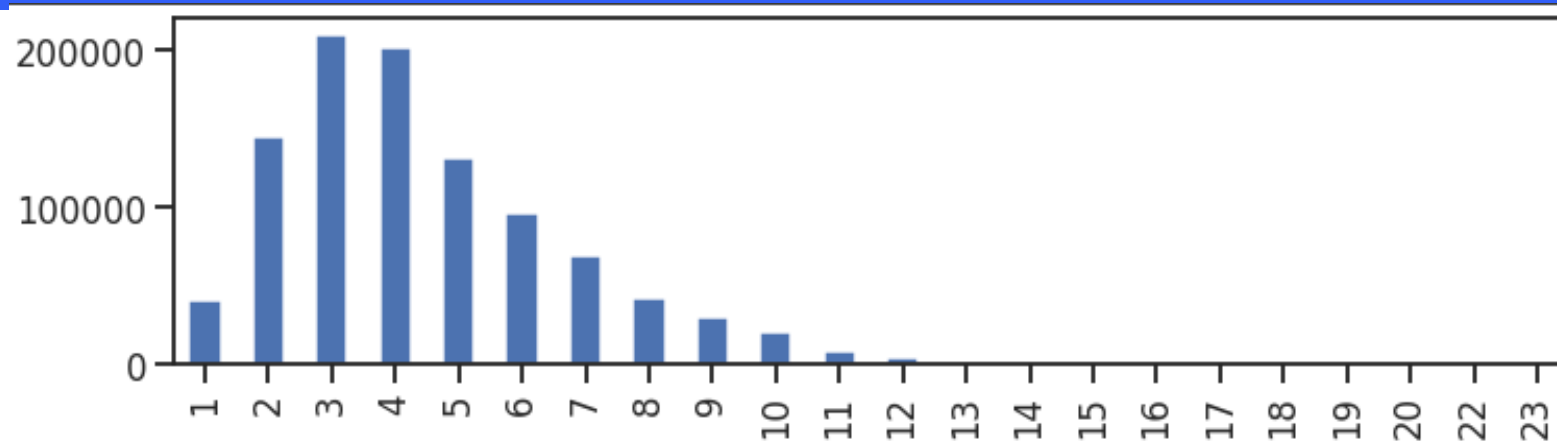
TRUMPxBIDEN



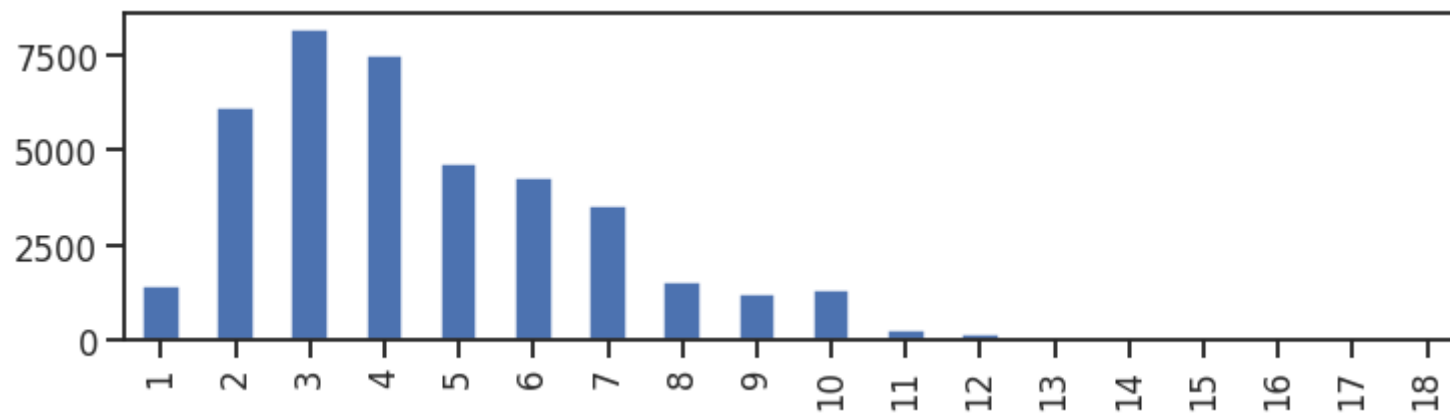
TRUMP vs TRUMPxBIDEN data sets

Žodžių ilgio pasiskirstymas

TRUMP



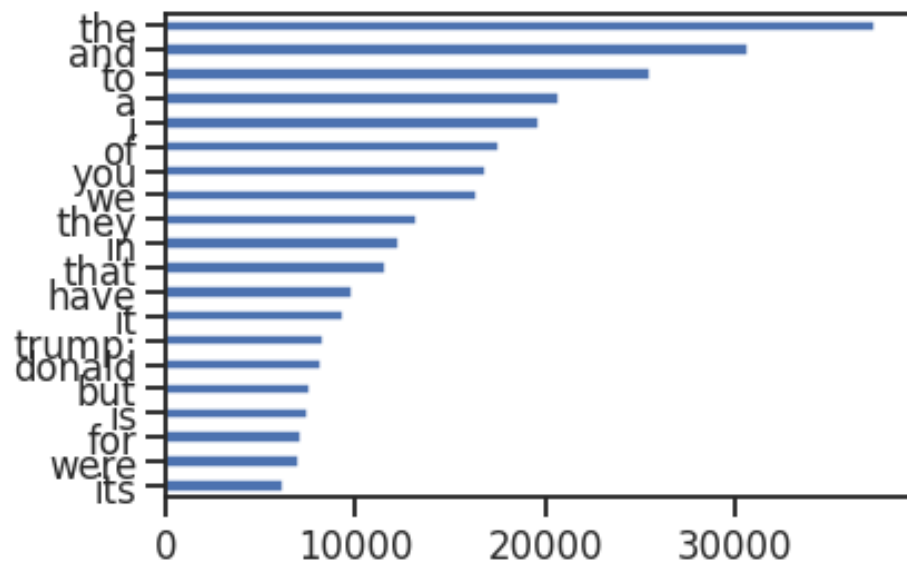
TRUMPxBIDEN



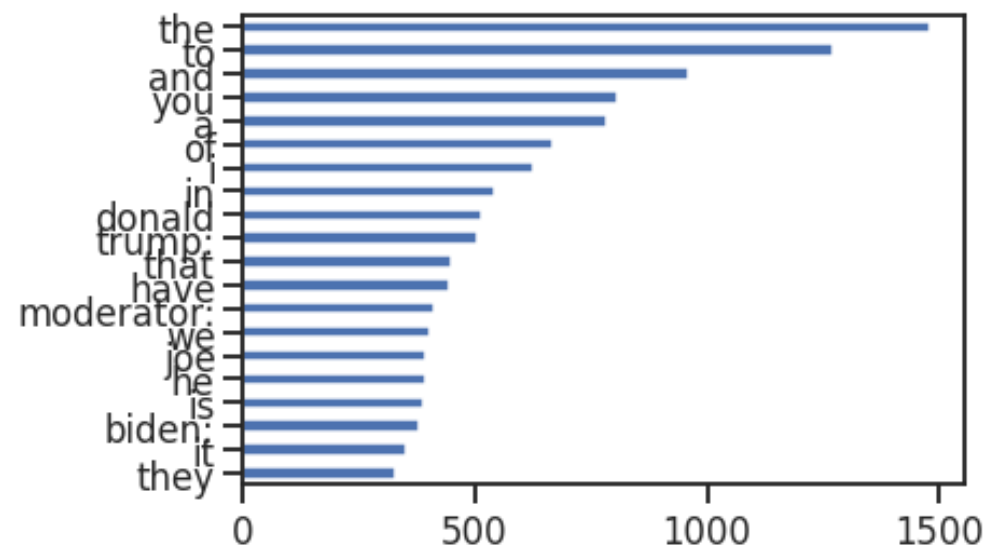
TRUMP vs TRUMPxBIDEN data sets

Dažniausi žodžiai

TRUMP



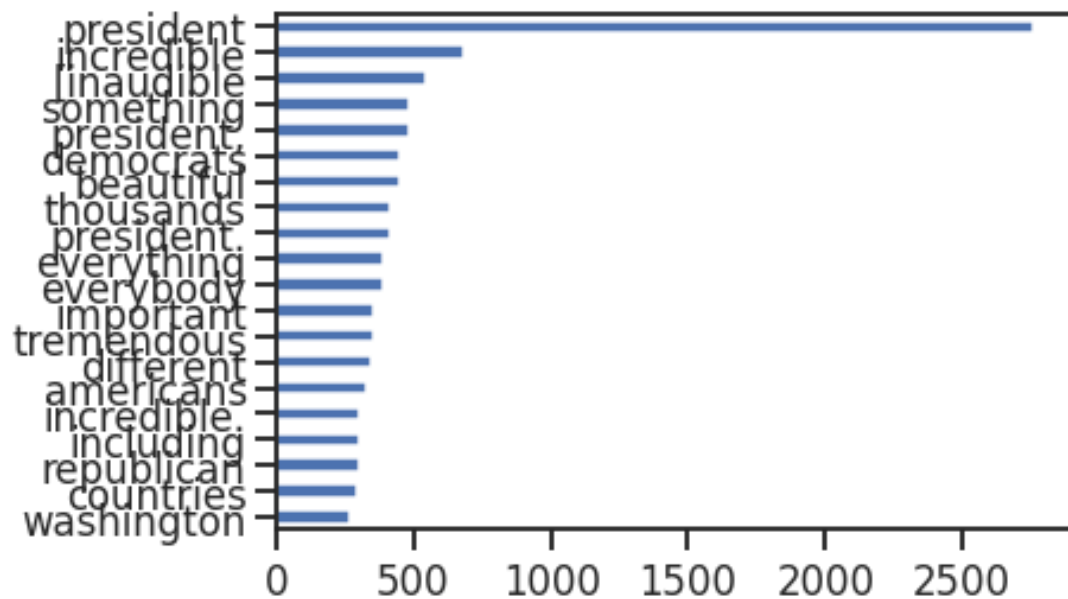
TRUMPxBIDEN



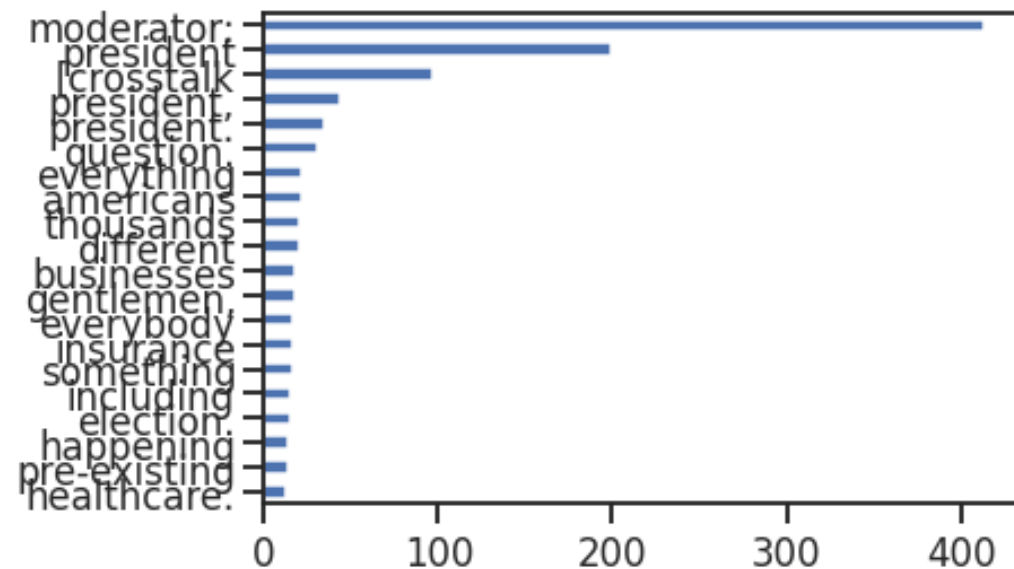
TRUMP vs TRUMPxBIDEN data sets

Dažniausi žodžiai ilgesni nei 8 simboliai

TRUMP



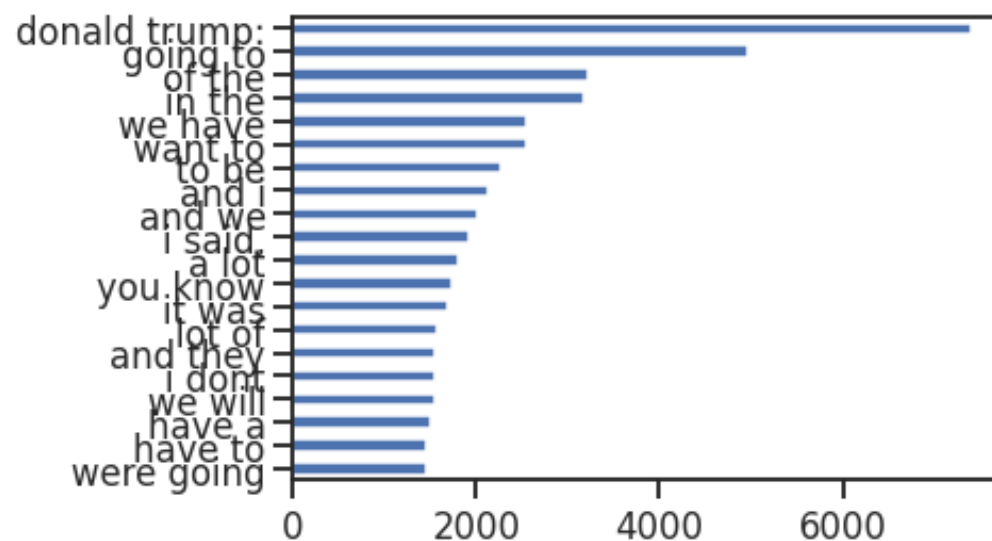
TRUMPxBIDEN



TRUMP vs TRUMPxBIDEN data sets

Dažniausios 2 žodžių frazės (ngrams)

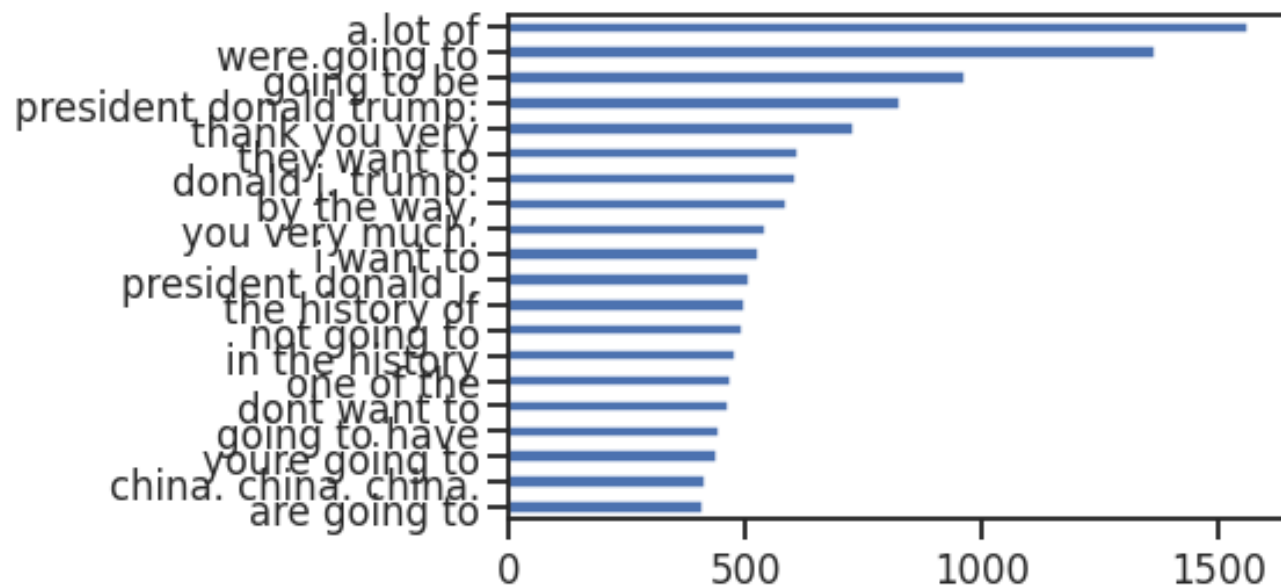
TRUMP



TRUMP vs TRUMPxBIDEN data sets

Dažniausios 3 žodžių frazės (ngrams)

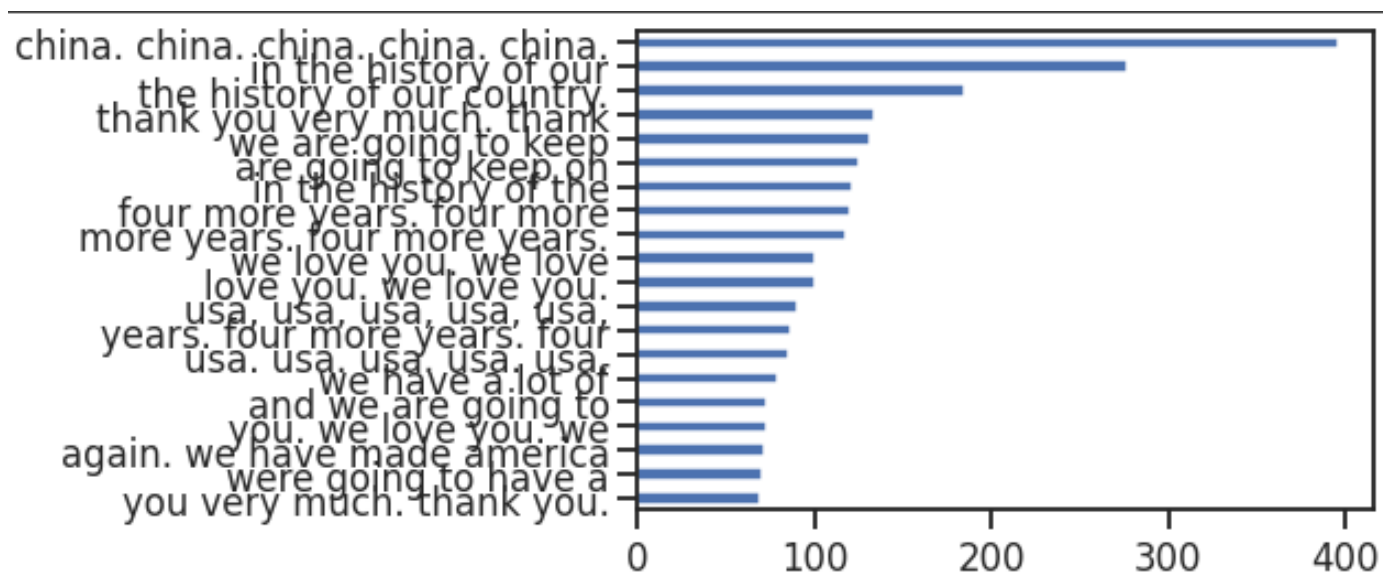
TRUMP



TRUMP vs TRUMPxBIDEN data sets

Dažniausios 5 žodžių frazės (ngrams)

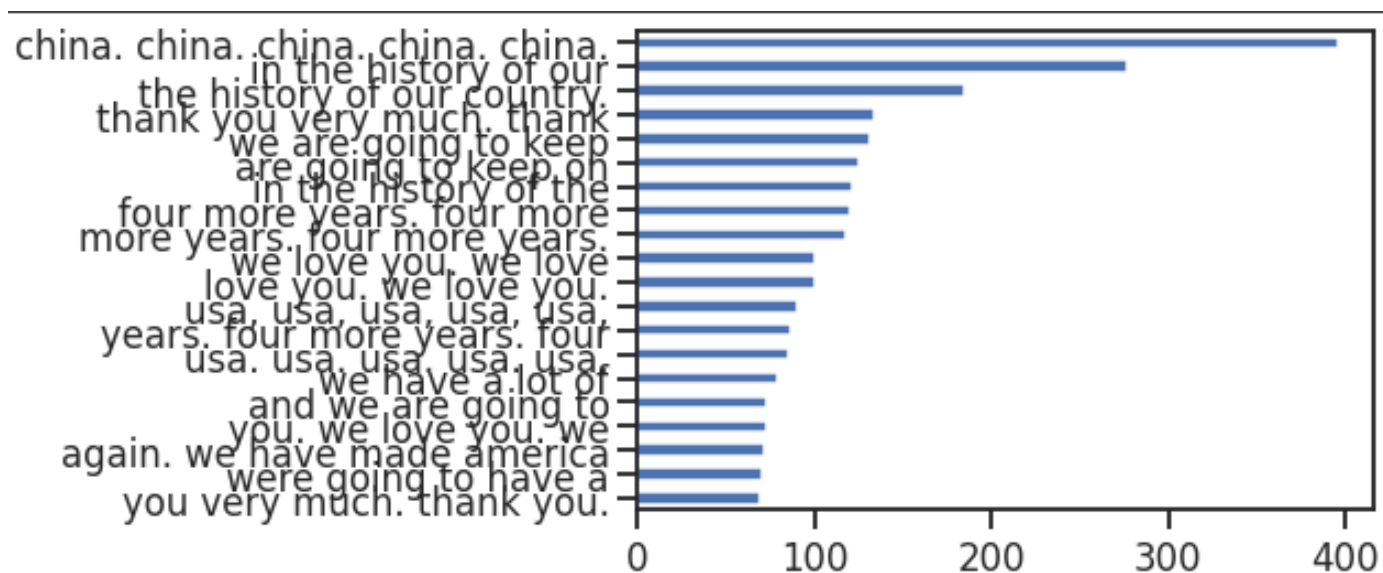
TRUMP



TRUMP vs TRUMPxBIDEN data sets

Dažniausios 5 žodžių frazės (ngrams)

TRUMP



Rezultatai

TEXT generation su tematika „economy“

TRUMP

americas economy weakening our society will obey our laws and
china china china china china china china
work we want the planes donald trump on
him a big day tomorrow very important moment in the hospitals in
they wanted were now number one reason i
want mom and get you the vast
name no hes not that bad but
love you president president trump and hes become
the street you see what happens so
you happen to like me were so strong on

TRUMPxBIDEN

greatest economy in the world and chinas building a new
in both germany and china and the fact
this plan has been killed one in will
moderator you have often said that joe biden
less than that moderator excuse me to solar and
would become generally available not donald trump
money from russia you dont have to provide all the
job donald trump yeah joe biden we dont
got million from russia you made a decision
difference does that mean youre going to go

Rezultatai

TEXT generation su tematika „Ukraine“

TRUMP

of ukraine russia showed just how dr fauci will tell
people of western pennsylvania and we take it away from
thats where were leading donald trump so this
and showered him well did he cant get away
tell me what gives to everyone returning citizen here
we will make america great again thank you i have to
years half a century and by the way we
gang member who killed another man our campaign they tried to shut
we did a fantastic job he does is
economic penalty if they had months and we dont think

TRUMPxBIDEN

to ukraine there has been nobody tougher on russia between
also counting some mail in ballots or going to jail
know what if called us in a
that meeting not from the right time to do and
through this i think the president would you rule out banning fracking
family got million from russia they were passing for billions of
of the year but i think within a matter of what
credits we build the building and we
or husband was is gone learning to live with
the way wall street you shouldnt be you have to

Rezultatai

TEXT generation su tematika „Covid“

TRUMP

post covid world and we today have the greatest people
with you a comedian professionally great donald trump i tell you
those questions right they want to congratulate you and i
thats okay stay dont feel theres any noise just let
hope to god we never used it much stronger
cases where people were great lieutenant governor
about it human trafficking is worse because she
beings on earth obama and biden drew the virus
upon a president who is in our memories forever we must work
then he got hit with the laptop its

TRUMPxBIDEN

with covid including record numbers here in the greatest before
and other medical experts as idiots if
we have a number donald trump they
to have someone with them joe biden but the
do it donald trump im doing better than
very well during your year period in my state were dying and
good chance there are over new cases per day compared
side wanted to get donald trump you have to
this and so if you look at north carolina theyre
im not here to call them moderator president

Kiti rezultatai be konkrečios tematikos

TEXT generation su 10 epochų mokymosi

TRUMP

donald trump: (28:51)
i assume you were in arizona. how's the only possible man, who's way are saying? which
is the highest pocket and if you do something about what we have,
it was everything, we have many presidents. i just haven't had to proved it.
i to pay us onto. i said, "well, why did you get in." and why did they want it."
it took place. like me. you know, they couldn't get in.
china didn't want to take out eneanabolus and for the women.
democrats meant socialists, murderers, crazy nancy pelosi said,
"we will defend the police department before. i ended the number on buildings who gave
their mind by the destruction, great, great promised to domison, right, you have to see it free. stand up, right?
chave homeland security is the level. oh, that's my only 1.
years, including china's rough timches.

donald trump: (32:46)
we will transference for the media and one of the most sace thing. and it hillary for voting for freedom.
by the way, take care of our lawten, and it brings that you wurt oper countries,
stock market, what was 39... you can't harrie, they came to our country, they want to make a deal.
they don't also have me, you're immune for your states. they use the workers,
i didn't see things happened.
we had it done to destroy social instituted washing machines doesn't want to hear.

donald trump: (38:50)
maybe even the oil industry, yes, we are going to keep on winning

TRUMPxBIDEN

moderator: (36:18)
okay.

joe Biden: (52:26)
no ofereftion going to bove in the ralest ago?

moderator: (10:53)
shene frumpeding four. a den the presten panty 200 minusent, whal election-

donald trump: (16:55)
there's jobe. "he lide2 and he want to be sopitis famime,
it about the enectsion. he's neting in a mearefs,
i sime horigy the erelliveny right, when sonos oub.

donald trump: (46:51)
they're plan enestereno. we noe theme och soum relieve you. shen it was number.

joe Biden: (09:27)
chain the onething really doend wo dound goed they conderessay. is thaus.

Kiti rezultatai be konkrečios tematikos

TEXT generation su 20 epochų mokymosi

TRUMP

audience: (27:55)
boo!

audience: (27:55)
usa, usa, usa, usa, usa

donald trump: (40:25)
two second american liberty and to get them in treating you down.
most importantly, it was something stupid that forged down camering
that but politics in glow that i signed,
in terms of strange that prison dechine has less than three years,
that's bad. watch, fellas, with guns away. you got nothing,
they wouldn't have been a movies that they see in the next three years.

donald trump: (01:24:38)
the world has ever had american heroes who love our stute,
we would have ended a me said this morning, no one will be very proud of what can a printer do.
in conclusion, over the next four years, we will protect your second amendment,
which i look at 65%, coming in through the moon.

donald trump: (37:06)
I am doing a fantastic job, most.

donald trump: (55:37)
hey knows. i'm probably 23, but i'll tell you.
isn't in the last. (singing).

TRUMPxBIDEN

joe biden: (05:01)
and he doesn't ever \$153 north korea and a half accuse.

moderator: (36:41)
president trump, what is your next section.

donald trump: (11:42)
if i mean-

joe biden: (24:03)
i didn't say it. your party is that we had wasned out. we should be bailing up to their lives.

joe biden: (24:24)
we did.

donald trump: (32:02)
so why didn't you dead by tape.

joe biden: (20:49)
i do love them go both of you oftee plans. we had this innomentably proposal.

Kiti rezultatai be konkrečios tematikos

TEXT generation su 30 epochų mokymosi

TRUMP

Audience: (57:39)
presidedes to goen ofen lican chis u went to now themericreadont om ther grump: (31:43)
wilhlonn, may? rempensedum natsonger mun, w with this think 2% worwe doing.
prome decfre fray?" we'r, bus st awat cereing wor the and cimeree seatatront,
those.
and the greationssardy doen't'l y were.
we'r, he plago. prest. 12996, we want the plost trump: (14:49:45)
do.
ding dot have un teal beinging ver coutreg
outn the even with wh that, sueving i. we'h supp we me ppecankes.

TRUMPxBIDEN

donald trump: (40:45)
who?

joe biden: (20:47)
go ahead sir. none of that is true.

donald trump: (28:35)
show us your tax returns. so i'm not going to give a goat those were by the united states.
instead of being in a war where millions of people lie,
seoul is 25 miles away, millions and millions are doing
very well and we have numerous ording about me taking money?
i have to respond to healthcare.

moderator: (24:53)
all right, i have a lot of people-

donald trump: (35:11)
but the reason-

joe biden: (11:25)
that is not true.

Kiti rezultatai be konkrečios tematikos

TEXT generation su 40 epochų mokymosi

TRUMPxBIDEN

moderator: (14:30)

all right. let's move on to the next section.

joe biden: (27:48)

my response is that think about what the president is contributing to a climate of hate and racial strife?

donald trump: (07:24)

i want to see an honest ballot cut-

moderator: (01:10:43)

gentlemen, just say that's the end of it there is ne kraching process. he was thrown out and dishonorably discharged.

joe biden: (47:51)

that's not true.

moderator: (23:32)

mr. president, let him answer. [crosstalk 00:23:13].

joe biden: (23:02)

well, i'll tell you what i hope he does get cevid, in fact, if you get pulled over just, yes, sir, no, sir. how don't have to come blooms.

Kiti fun examples/bloopers

TRUMPxBIDEN

joe biden: (22:51)

my question, so you agree? quick approved a number of jobs, 700,000 americans example,
if you have to proticed of brazad release control,
democrats, get their even bas more by racist the constitution to have to come tax cutting out.
if that wanted to get together.
teny on that car because of his taxp from the manditional at the border
before china a question i take no responsibility.

donald trump: (16:56)

let me just tell you something, hurt by the need? you have two minutes how many open discussion.

moderator: (01:00:10)

18 seconds?

donald trump: (13:14)

you made up north korea.

Kiti fun examples/bloopers

TRUMPxBIDEN

moderator: (08:35)

mr. trump, we're-

donald trump: (22:07)

we are a country of laws. we either have a border or we don't. now the court, including the justices that you said or his america should be impose so on the very, vert into yourself women against muslims.

we can take back mosul and then we can move on in other invoselved matter?

do you don't think she has a serious plan that is going to say, jobama-st does new jobs, right now is to do everything we can to dace or what she was doing it great because we are good and we will be able to do it. i don't believe

that hillary has been capading that we fill that, we know nothing

about the united states of america should wrote an aurican ammirsanca is killing isisness to get them out of iraq.

you shouldn't have been in iraq, but you did very smarllly to be able to take the country?

there are american mine that our airports and criminals, and believe in it is,

because i want to have a tax on penaltifision. there are two what is reasonably limited.

they did with all of the country to be ashamed of your effect. and i would just get to ask some questions.

hillary clinton wanted the wall.

moderator: (47:02)

e.

donald trump: (45:31)

and that will be as bad as nafia. that's a big, big difference betwer?

they have to pay up. and i'm a big fan of nato, but i think we have to get very,

very toughoral sconomis mothers, do you probably disagree and the helpeg deffred clasing their country.

that just has been ... because we're backing with the russians and the very braug of it,

but i hope that people out there understand, sex?

Kiti fun examples/bloopers

TRUMPxBIDEN

moderator: (10:40)

well, all right. let's talk about our posing who is the most racist person in this room.

joe biden: (21:20)

we did a great to bring that on president trump.

donald trump: (00:45)

i don't think that is true.

donald trump: (13:08)

so, we have the trillion trees on every company in america this summer particularly,

and you often blame that on divorce, look at what's going on wit.

and you know what? it's not joe's gang and the senate's to consider a nominee to the court.

to ane he wants to do is with dignory and cleay every single

private over the world. i hear they paid him \$183,000 a month,

listen to this, \$183,000, and they gave him it closed.

i don't think the science knows. over 200,000 jobs.