```python
# Import Libraries
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import string
import spacy

from matplotlib.pyplot import imread
from wordcloud import WordCloud, STOPWORDS
import nltk
```

```python
elon_musk_data=pd.read_csv("Elon_musk.csv",encoding='ISO-8859-1')
elon_musk_data
```

	Unnamed: 0	Text
0	1	@kunalb11 I m an alien
1	2	@ID_AA_Carmack Ray tracing on Cyberpunk with H...
2	3	@joerogan @Spotify Great interview!
3	4	@gtera27 Doge is underestimated
4	5	@teslacn Congratulations Tesla China for amazi...
...	...	...
1994	1995	@flcnhvy True, it sounds so surreal, but the n...
1995	1996	@PPathole Make sure to read ur terms & con...
1996	1997	@TeslaGong @PPathole Samwise Gamgee
1997	1998	@PPathole Altho Dumb and Dumber is <U+0001F525...
1998	1999	Progress update August 28

1999 rows × 2 columns

```python
del elon_musk_data['Unnamed: 0']
```

```python
elon_musk_data
```

	Text
0	@kunalb11 I　m an alien
1	@ID_AA_Carmack Ray tracing on Cyberpunk with H...
2	@joerogan @Spotify Great interview!
3	@gtera27 Doge is underestimated
4	@teslacn Congratulations Tesla China for amazi...

```
elon_musk_data=[Text.strip() for Text in elon_musk_data.Text] # remove both the leading ar
elon_musk_data=[Text for Text in elon_musk_data if Text] # removes empty strings, because
elon_musk_data[0:10]
```

```
['@kunalb11 I\x92m an alien',
 '@ID_AA_Carmack Ray tracing on Cyberpunk with HDR is next-level. Have you tried it?
 '@joerogan @Spotify Great interview!',
 '@gtera27 Doge is underestimated',
 '@teslacn Congratulations Tesla China for amazing execution last year. Now on to th
 'Happy New Year of the Ox! https://t.co/9WFKMYu2oj',
 'Frodo was the underdoge,\nAll thought he would fail,\nHimself most of all. https:/
 '@OwenSparks_ @flcnhvy @anonyx10 Haha thanks :)',
 '@flcnhvy @anonyx10 Indeed! Tweets definitely do not represent real-world time allo
 'The most entertaining outcome is the most likely']
```

```
nltk.download("punkt")
```

```
[nltk_data] Downloading package punkt to /root/nltk_data...
[nltk_data]   Unzipping tokenizers/punkt.zip.
True
```

```
# Joining the list into one string/text
elon_musk_text=' '.join(elon_musk_data)
elon_musk_text
```

```
'@kunalb11 I\x92m an alien @ID_AA_Carmack Ray tracing on Cyberpunk with HDR is next
-level. Have you tried it? @joerogan @Spotify Great interview! @gtera27 Doge is und
erestimated @teslacn Congratulations Tesla China for amazing execution last year. N
ow on to the next for even more!! Happy New Year of the Ox! https://t.co/9WFKMYu2oj
Frodo was the underdoge,\nAll thought he would fail,\nHimself most of all. https://
t.co/zGxJFDzzrM @OwenSparks_ @flcnhvy @anonyx10 Haha thanks :) @flcnhvy @anonyx10 I
ndeed! Tweets definitely do not represent real-world time allocation. The most ente
rtaining outcome is the most likely @GiveDirectly Just sent some Just agree to do C
```

```
# remove Twitter username handles from a given twitter text. (Removes @usernames)
from nltk.tokenize import TweetTokenizer
tkn = TweetTokenizer(strip_handles=True)
tweet_tokens=tkn.tokenize(elon_musk_text)
print(tweet_tokens)
```

```
['I', '\x92', 'm', 'an', 'alien', 'Ray', 'tracing', 'on', 'Cyberpunk', 'with', 'HDR'
```

```
# Again Joining the list into one string/text
tweets_tokens_text=' '.join(tweet_tokens)
tweets_tokens_text
```

    'I \x92 m an alien Ray tracing on Cyberpunk with HDR is next-level . Have you tried
    it ? Great interview ! Doge is underestimated Congratulations Tesla China for amazi
    ng execution last year . Now on to the next for even more ! ! Happy New Year of the
    Ox ! https://t.co/9WFKMYu2oj Frodo was the underdoge , All thought he would fail ,
    Himself most of all . https://t.co/zGxJFDzzrM Haha thanks :) Indeed ! Tweets defini
    tely do not represent real-world time allocation . The most entertaining outcome is
    the most likely Just sent some Just agree to do Clubhouse with https://t.co/3rWE9uH
    STS It \x92 s getting real Bought some Dogecoin for lil X , so he can be a toddler

```
# Remove Punctuations
no_punc_text=tweets_tokens_text.translate(str.maketrans('','',string.punctuation))
no_punc_text
```

    'I \x92 m an alien Ray tracing on Cyberpunk with HDR is nextlevel Have you tried i
    t Great interview Doge is underestimated Congratulations Tesla China for amazing
    execution last year Now on to the next for even more   Happy New Year of the Ox h
    ttpstco9WFKMYu2oj Frodo was the underdoge All thought he would fail Himself most
    of all httpstcozGxJFDzzrM Haha thanks Indeed Tweets definitely do not represent
    realworld time allocation The most entertaining outcome is the most likely Just se
    nt some Just agree to do Clubhouse with httpstco3rWE9uHSTS It \x92 s getting real B
    ought some Dogecoin for lil X so he can be a toddler hodler He definitely has issu

```
# remove https or url within text
import re
no_url_text=re.sub(r'http\S+', '', no_punc_text)
no_url_text
```

    'I \x92 m an alien Ray tracing on Cyberpunk with HDR is nextlevel Have you tried i
    t Great interview Doge is underestimated Congratulations Tesla China for amazing
    execution last year Now on to the next for even more   Happy New Year of the Ox
    Frodo was the underdoge All thought he would fail Himself most of all   Haha than
    ks Indeed Tweets definitely do not represent realworld time allocation The most
    entertaining outcome is the most likely Just sent some Just agree to do Clubhouse w
    ith It \x92 s getting real Bought some Dogecoin for lil X so he can be a toddler
    hodler He definitely has issues but the sentencing seems a bit high Thanks for fix

```
nltk.download('punkt')
```

    [nltk_data] Downloading package punkt to /root/nltk_data...
    [nltk_data]   Package punkt is already up-to-date!
    True

```
nltk.download('stopwords')
```

    [nltk_data] Downloading package stopwords to /root/nltk_data...
    [nltk_data]   Unzipping corpora/stopwords.zip.
    True

```
from nltk.tokenize import word_tokenize
text_tokens=word_tokenize(no_url_text)
print(text_tokens)
```

    ['I', '\x92', 'm', 'an', 'alien', 'Ray', 'tracing', 'on', 'Cyberpunk', 'with', 'HDR'

```
# Tokens count
len(text_tokens)
```

```
    17847
```

```
# Remove Stopwords
from nltk.corpus import stopwords
my_stop_words=stopwords.words('english')

sw_list = ['\x92','rt','ye','yeah','haha','Yes','U0001F923','I']
my_stop_words.extend(sw_list)

no_stop_tokens=[word for word in text_tokens if not word in my_stop_words]
print(no_stop_tokens)
```

```
    ['alien', 'Ray', 'tracing', 'Cyberpunk', 'HDR', 'nextlevel', 'Have', 'tried', 'Great
```

```
# Normalize the data
lower_words=[Text.lower() for Text in no_stop_tokens]
print(lower_words[100:200])
```

```
    ['once', 'predict', 'cash', 'flow', 'reasonably', 'well', 'starlink', 'ipo', 'starli
```

```
# Stemming (Optional)
from nltk.stem import PorterStemmer
ps=PorterStemmer()
stemmed_tokens=[ps.stem(word) for word in lower_words]
print(stemmed_tokens[100:200])
```

```
    ['onc', 'predict', 'cash', 'flow', 'reason', 'well', 'starlink', 'ipo', 'starlink',
```

```
# Lemmatization
nlp=spacy.load('en_core_web_sm')
doc=nlp(' '.join(lower_words))
print(doc)
```

```
    alien ray tracing cyberpunk hdr nextlevel have tried great interview doge underestim
```

```
lemmas=[token.lemma_ for token in doc]
print(lemmas)
```

```
    ['alien', 'ray', 'trace', 'cyberpunk', 'hdr', 'nextlevel', 'have', 'try', 'great', '
```

```
clean_tweets=' '.join(lemmas)
```

```
clean_tweets
```

```
clean_tweets
```

```
'alien ray trace cyberpunk hdr nextlevel have try great interview doge underestimat
ed congratulation tesla china amazing execution last year now next even happy new y
ear ox frodo underdoge all think would fail -PRON- haha thank indeed tweet definite
ly represent realworld time allocation the entertaining outcome likely just send ju
st agree clubhouse -PRON- get real buy dogecoin lil x toddler hodler -PRON- definit
ely issue sentencing seem bit high thank fix please unlock account this true power
any crypto wallet give private key avoid cost -PRON- app suck rt nasa select falcon
heavy launch first two element lunar gateway together one mission once predict cash
```

```python
from sklearn.feature_extraction.text import CountVectorizer
cv=CountVectorizer()
tweetscv=cv.fit_transform(lemmas)
```

```python
print(cv.vocabulary_)
```

```
{'alien': 195, 'ray': 2354, 'trace': 3019, 'cyberpunk': 767, 'hdr': 1363, 'nextlevel
◄ ▮                                                                                  ►
```

```python
print(cv.get_feature_names()[100:200])
```

```
['74', '78', '7th', '90', '9007', '922', '948', '95', '99', 'aber', 'able', 'abo', '
◄ ▮                                                                                  ►
```

```python
print(tweetscv.toarray()[100:200])
```

```
[[0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 ...
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]]
```

```python
print(tweetscv.toarray().shape)
```

```
(11486, 3416)
```

CountVectorizer with N-grams(Biograms & Trigrams)

```python
cv_ngram_range=CountVectorizer(analyzer='word',ngram_range=(1,3),max_features=100)
bow_matrix_ngram=cv_ngram_range.fit_transform(lemmas)
```

```python
print(cv_ngram_range.get_feature_names())
print(bow_matrix_ngram.toarray())
```

```
['actually', 'ai', 'also', 'back', 'big', 'booster', 'car', 'come', 'complete', 'coo
[[0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
 [0 0 0 ... 0 0 0]
```

```
...
[0 0 0 ... 0 0 0]
[0 0 0 ... 0 0 0]
[0 0 0 ... 0 0 0]]
```

◄ ▢▢▢▢▢▢▢▢▢   ►

TF-IDF Vectorizer

```
from sklearn.feature_extraction.text import TfidfVectorizer
tfidfv_ngram_max_features=TfidfVectorizer(norm='l2',analyzer='word',ngram_range=(1,3),max_
tfidf_matix_ngram=tfidfv_ngram_max_features.fit_transform(lemmas)
```

```
print(tfidfv_ngram_max_features.get_feature_names())
print(tfidf_matix_ngram.toarray())
```

```
['10', '100', '13', '20', '2020', '30', '300', '40', '4d', '60', 'able', 'absolutely
[[0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 ...
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]
 [0. 0. 0. ... 0. 0. 0.]]
```

◄ ▢▢▢   ►

Generate WordCloud

```
# Define a function to plot word cloud
def plot_cloud(wordcloud):
    plt.figure(figsize=(40,30))
    plt.imshow(wordcloud)
    plt.axis('off')
```

```
# Generate Word Cloud
```

```
STOPWORDS.add('pron')
STOPWORDS.add('rt')
STOPWORDS.add('yeah')
wordcloud=WordCloud(width=3000,height=2000,background_color='black',max_words=50,
                    colormap='Set1',stopwords=STOPWORDS).generate(clean_tweets)
plot_cloud(wordcloud)
```

Named Entity Recognition NER

```
# Parts Of Speech (POS) Tagging
nlp=spacy.load('en_core_web_sm')

one_block=clean_tweets
doc_block=nlp(one_block)
spacy.displacy.render(doc_block,style='ent',jupyter=True)
```

noticeably well intervention spend   half **CARDINAL**   life   california **GPE**   love state but frankly think

and   sweden **GPE**   still right   zero **CARDINAL**   death oct   29 **CARDINAL**   true also few heart

attack way easy pump blood   37 **CARDINAL**   gravity now talk also stephenson   218 **CARDINAL**

constellation scrotum small fry the sun convert   4 million ton **QUANTITY**   mass energy every   second

ORDINAL   accurate some challenge high wind look like   sunday **DATE**   static fire great shoot future

ai appreciate truth strange fiction u0001f609 urf smol for long time truth tell eat jitb many time year even

teriyaki bowl may buy   jack box **PERSON**   footstool approximately log rate same bot change setting

combat   well phase array antenna actually rather flat tesla make u0001f525 catgirl robot little crane

be toy   come come u0001f447 wow mayo sure salty   max payne **PERSON**   great many level silent

hill good   jack box **PERSON**   double duty sperm donor clinic   **ORG**   name u0001f44c   one

CARDINAL   good game ever fear   1 **CARDINAL**   modern graphic sound would rock ok all game

thread far scary creatively horror movie fear   2 **CARDINAL**   good imo also dead space   2 **CARDINAL**

-PRON- haunt dream to good knowledge literally   zero **CARDINAL**   equipment usable without major

repair upgra all leave broken bot equipment hardly worth scrap metal value but scrounge spa and

actually   zero **CARDINAL**   employee factory   gm toyota **ORG**   leave -PRON- take good equipment

bettern nothing ur u0001f4b0 back u0001f4ab u0001f6f0 tesla team do great work well tbh capex

efficiency   2017 **CARDINAL**   trash u0001f62c testing covid license print money helpful thank beta

tester video training inference essential excellent autonomy sigh new supersonic jet   time electric **ORG**

critical humanity future congratulation spacex team mine   day ahead **DATE**   sure could option setting

visualization tone significantly production these intentionally strident color sure boca   every week

DATE   maybe could talk th good point probably   next week **DATE**   form write piece spacex website

great pic that beginning starship production system meaningful yup with beta update lot   2 **CARDINAL**

step fwd   1 **CARDINAL**   step back situation pace improv work also need able fart car command

starship come together price change push   thursday **DATE**   next week **DATE**   apply -PRON-

one week **DATE**   clock start   countr **GPE**   there   360 **CARDINAL**   deg glass star bar name tbd top

high bay well say many time price rise product functionality improve how much ti agree be performance

tire just smallseeme issue loss upper stage camera probably nothing serious standing sure now   tesla

CARDINAL   fsd beta limited release fsd price new upgrade go   2k **CARDINAL**   monday **DATE**   as

soon complete testing regulator approve so many   differe haha **PERSON**   dependent prove high

safety not intentional -PRON- want show could theoretically convert entire us vehicle f cold gas hot later

mean ya get ta tiki bar starship nosecone high bay tiki bar after get orbit time get little melty tbh those engine could go 300 **CARDINAL** bar would dicey push nearterm test achieve raptor run 90 **CARDINAL** secs 300 **CARDINAL** bar chamber pressure encounter issue 210 mtf sea **LOC** fsd beta rollout happen tonight **TIME** will extremely slow cautious datum 3 **CARDINAL** engine starship static fire morning look good proceeding nosecone mate -PRON- also consider population lifemonth lose lockdown restriction sweden zero **CARDINAL** death oct 15 **CARDINAL** firmware probably slightly accurate description yes rt there s place like home especially solar roof this kansas **GPE** ranch get instal 4 day **DATE** mobic **NORP** much mobility fusion little -PRON- need mobid actually neck maybe helpful have mobic **NORP** disc put c5 c6 **PRODUCT** however 1st surgery fail remov pretty accurate -PRON- much dna sequencing use synthetic dna rna **PRODUCT** fix bugs code london beijing **PERSON** would cool wow would quite trip that kid møtør trèndé look like snoopy current production slightly well doesn seem life solar system maybe ice europa **LOC** rt tesla model 3 **CARDINAL** sr have low energy consumption all bev say report very creative that free fusion reactor sky conveniently convert 4 million ton **QUANTITY** mass energy every second **ORDINAL** - PRON- never know after u0001f622 also system autodelete old datum automatically default table tension start production 7 **CARDINAL** seater next month **DATE** initial delivery early december **DATE** the gauntlet throw the prophecy fulfil model s price change 69420 **DATE** tonight **TIME** congratulation make progress 9 meter **QUANTITY** roughly 30 ft diameter will less roomy 3 **CARDINAL** vacuum rocket engine add -PRON- still focus vegas prufrock new **ORG** tunnel machine for sure maybe month some finish touch need do station -PRON- simplify lot -PRON- basically teslas tunnel point sweet everything slow phase array antenna nice what love baby hurt winston **GPE** churchill or maybe 2 **CARDINAL** weak turret allow strategic degree freedom please buff torb turret um yes goosebump 2 merch **QUANTITY** not sure tbh hg2 g **EVENT** lotr u0001f918 the illuminaughty u0001f918 **ORG** knee deep rt this first **ORDINAL** flight upgrade cargo version dragon able carry 50 **CARDINAL** science payload th rt the dragon spacecraft support spacex 21st cargo resupply mission depart hawthorne factory last yeah at least success set possible outcome time diess good move right direction tough position wi good grief spacex get zero **CARDINAL** money starship design carry people cargo around ear with fsd get stuck lot local maximum clear hit ceiling this time right thank much accurate this graph appear upside sheer magnitude entire production system hard appreciate almost every element productio will release order configurator probably jan limited fsd

beta release   tuesday **DATE**   next week **DATE**   promise this   first **ORDINAL**   limit the soc sync

20 30 **CARDINAL**   time   sec **ORG**   exchange output   nns tesla fsd **PRODUCT**   computer dual soc

function like twin engine plane   **PRODUCT**   run different neural net accurate analysis quite ego

intelligence   1 **CARDINAL**   people comment thread neither mobileye glad jen safe wow uh ok go think

accurate yeah lite even   half **CARDINAL**   amount still big deal see evidence advanc -PRON- face

tough dichotomy apply resource old architecture apply ne definitely exactly -PRON- play   poor inventor

card rich along invent nothing far kn there sketchy edit tesla wiki whitewash eberhard problem glorify

role pretty odd when eberhard fire tesla ceo role   mid 2007 **DATE**   provide false information

interesting rt   the future car electric entire industry start make marketing compelling evs everyone

probably exact art wall place stay boca chica failure protect nursing home major mistake happen

country sweden right great work spacex valve engineering production -PRON- tile mechanically attach -

PRON- tile   compiler nee **ORG**   improve imo most type pointer memory problem detect comp proud

say nose pointier need rt -PRON- put   2020 **CARDINAL**   model y long range electric suv test track find

GPE   turn well   norway **GPE**   lead world pass cryo proof u0001f44d yeah contest advanced cast

crush bestcase   3d **CARDINAL**   print cast work wel great pic maybe flag   mars **LOC**   additive

manufacture part still far costly car rapidly create tool accel pretty much think may end high note rt

starman last see leave earth make   first **ORDINAL**   close approach   mars **LOC**   today   within

005 **CARDINAL**   astronomical unit   5 **CARDINAL**   mill mean say fix late wide release win nee wait fsd

-PRON- exactly -PRON- bark tree way long sigh give false sense play sexy snake jazz yeah provide

metal gear snake autocoupler waymo impressive highly specialized solution the tesla approach general

solution the lat yeah could put set allow drop low   5 **CARDINAL**   great render note need arm

mimecraft autopilot team make great progress reality sure complicate aspire flame diverter boca -

PRON- giant steel ball -PRON- complete financing round let know another   one **CARDINAL**   definitely

need try tasty cake pastry next visit mass ratio liquid oxygen much denser liquid have amazing kebab

ever outside tachele too döner kebab -PRON- welcome high bay finish except giant gantry crane within

that look tasty the crash absorption rail cut replace bolt part collision repair   sandy munro **PERSON**

understand engineering that would like license battlestar galactica actually buil gigafactory hard critical

product battery pack bond structure cell provide shear transfer b but understand production much well -

PRON- primary competitive advantage   longterm **PERSON**   even   gm chrysler **PERSON**   go

bankrupt 2009 **DATE**   ford **ORG**   tesla us **PRODUCT**   car company the model   3 **CARDINAL**

production ramp sheer agony   two year   **DATE**   die te bring new product volume production   1

CARDINAL   inspiration   99 **CARDINAL**   perspiration -PRON- st marginal cost starship mass orbit well

100 kg   **QUANTITY**   fully burden cost depend flight rate prototype piece cake high volume production

new technology extremely hard ta -PRON- expect make heavy use lfp medium range car stationary

storage berlin use   4680   **CARDINAL**   cell structural battery pack front rear single piece casting also -

PRON- wish company would put spreadsheet moment focus make   7   **CARDINAL**   bar absolute fine

cryo pressure test succeed small le   one   **CARDINAL**   good shot ever much sooner great photo -

PRON- soon rt falcon   9   **CARDINAL**   launch   60   **CARDINAL**   starlink satellite orbit complete spacexs

43rd   **ORDINAL**   flight previously fly rocket booster once satellite reach target position able roll fairly

wide public beta rt deployment   60   **CARDINAL**   starlink satellite confirm -PRON- see notable

difference yet think booster could probably   100   **CARDINAL**   reflig   roughly week   **DATE**   two

CARDINAL   turnaround need meet max launch demand starship s ahem yes   3rd   **ORDINAL**   flight

booster   3rd   **ORDINAL**   flight active   half fair aim   **QUANTITY**   4th   **ORDINAL**   flight landing booster

5 minute   **TIME**   launch look good far so crazy subsidize pollution this good people especially dense

city heavy -PRON- step right direction really aim full reusability   2026   **DATE**   large ro turn volume

11   **CARDINAL**   play powerglide   tesla   **CARDINAL**   fsd solve issue music volume   tesla   **CARDINAL**

go   11 **CARDINAL**   loud   10   **CARDINAL**   one favorite writer foundation tough make movie

outstanding potential u0001f4af rewatche young frankenstein   weekend   **DATE**   still awesome ovaltine

the remake potential great kinda like original tbh possible take level   hollywood   **GPE**   start sequel

skip original financial this article wildly incorrect lithium battery cost factor   5   **CARDINAL**   presently

10x longterm   **QUANTITY**   pretty wild new spacex droneship call   a shortfall gravitas   nothing escap

gravity even black hole really try would cool put mind car drive come soon call booty great game

vectorspace bird eye view come fsd unexpected pressure rise turbomachinery gas generator all -

PRON- broad review launch site propulsion structure av exactly -PRON- need make lot improvement

chance complete   48   **CARDINAL**   launch   next year   **DATE**   agree   lex glad   **PERSON**   ok   haha

GPE   thank wait   next year   **DATE**   sure great brown average latency improve sit very starlink design

probably   5 6   **CARDINAL**   optimize tanker starlink revolution connectivity esp yeah great letter -

PRON- increasingl the ship ring thick need -PRON- nextlevel u0001f4b0 u0001f4a9 glad hear mom ok

good see inspire future space the new heat pump model y come soon great render the circumferentia

that hard have try push c -PRON- cool sure do suspect good cas weld esthetic improve greatly

upcoming starship haha true why shower wide range light fast think rt once dragon dock   two

   CARDINAL   dragon dock simultaneously between crew cargo mission rt spacex training astronaut fly

board dragon   first **ORDINAL**   operational mission complete when crew arrive rt after launch crew

dragon   first **ORDINAL**   operational mission astronaut board spacex launch   21st **CARDINAL**   cargo

resupply mi maybe use many   magenta spotlights **ORG**   rt news -PRON- target   240 **CARDINAL**   et

saturday oct   31 **CARDINAL**   launch crew   1 **CARDINAL**   mission send ast have low center gravity

make world difference safety -PRON- probably ipo starlink   several year **DATE**   future revenue

growth fate looove irony glad spacex could help -PRON- prioritize emergency responder location

internet connectivity true that total market tesla -PRON- see tesla reach   20 **CARDINAL**   m vehicle

year probably   2030 **CARDINAL**   bu total market   seven year **DATE**   sure   30 **CARDINAL**   m new

fully electric vehicle per year   six year **DATE**   maybe   five **CARDINAL**   both original car -PRON- cut

price model   3 25k **DATE**   refer future car small model   3 **CARDINAL**   what heavy duty paintball

machine gun mount bed rail new version come soon supplier -PRON- high energy nickel least also

maybe presenta check totally head tesla delivery center near maybe help new owner would cool

completely agree flap directly drive electric motor gearbox no hydraulic thank tesla team great work

delivery for new owner super appreciate accommodate -PRON- delivery ti there time feel like live dilbert

cartoon that specie stand test time mostly   304l **CARDINAL**   301 **CARDINAL**   break   301 304

   CARDINAL   interface sn9 8 bar differential ullage   9 **CARDINAL**   bar base due propellant head -

PRON- -PRON- need enough height test body flap draw propellant header vs main tank will se   first

   ORDINAL   flight   15 km **QUANTITY**   50000 ft nosecone front flap   next week **DATE**   sn9 **ORG**

   next month **DATE**   starship   sn8 **CARDINAL**   rear body flap sure true rt falcon   9 **CARDINAL**

launch super cool interstellar mapping acceleration probe   imap **GPE**   help researcher better not bad

exactly   sandy munro **PERSON**   understand engineering turn mostly press letter u0001f4a9 typewriter

centaur bow obviously haha something like can support   3 **CARDINAL**   wheel vehicle not safe enough

   9007 **DATE**   mm something appeal hawk hartle idea agree turok feldbrugge lehner   u0001f5a4 ur

algo **PERSON**   true there practical size constraint can big fit engine comp doesn seem problem -

PRON- could probably increase area ratio give   330 **CARDINAL**   bar max de preburners ignite main

chamber where prediction probability inaccurate or energy time besides genetic engineering slow

unless use synthetic virus what predict yeah may need   107 **CARDINAL**   expansion ratio -PRON- little

bit flow separation towards end nozzle rt complete full duration test fire raptor vacuum engine spacex

bit flow separation towards end nozzle rt complete full duration test fire raptor vacuum engine spacex

rocket development facility mcgregor   texas **GPE**   http rt rvac sea level raptor human scale only thing

beyond ludicrous plaid this seem like opposite open openai essentially capture   microsoft **ORG**   haha

true maybe jet cool pretty much   yahoo **ORG**   finance dumb sound haha roadster better probably

cybertruck atv roadster semi c a r s thank   many year **DATE**   support tough time -PRON- little year

challenge   year **DATE**   ever that right maybe little fast cgi irl haha rt -PRON- drive model s long range

plus   4227 mile **QUANTITY**   california **GPE**   believe could made   430 **CARDINAL**   explain the

extreme difficulty scale production new technology well understand -PRON- 1000   10000 **CARDINAL**

hard haha -PRON- intend increase reduce battery cell purchase panasonic lg catl possibly partner h

important note tesla battery day unveil tomorrow this affect   longterm **PERSON**   production especially

semi cybertr thank -PRON- really need well leg starship -PRON- come most likely flap fold landing

reduce wind tip force t fine already u0001f600 good analysis although think wait fsd bit mature pretty

sure tesla could much better autocorrect the bar low true custom ultra high speed bus efficient cooling

ok pretty much   machinelearne **PERSON**   -PRON- big sure yeah open dojo training web service work

bug there lot pointless   zero **CARDINAL**   fp32 neural net -PRON- chop   16 **CARDINAL**   3

CARDINAL   dojo use chip computer architecture optimize neural net training -PRON- really want

waypoint much for dojo bet   fp16 **CARDINAL**   float float point essentially truncate mostly   zero

CARDINAL   there lot green space around factory building continuous the   open   area shape like

diamond align true north a prior track record exceptional achievement engineering require prior

experience work if feel neuralink may incorrectly overlook resume decline make offer please lmk co feel

do enough internet zip   2 **CARDINAL**   paypal work would -PRON- take utterly insane amount work

move spacex tesla success probabilitie   zero **CARDINAL**   to frank   early day **DATE**   think   90

CARDINAL   chance spacex tesla would worth irrational funny word describe number course still love

sure planet good movie current strong droneship hold station thruster upgrade future mission lot happen

  13 year **DATE**   -PRON- insane speedrunne factorio real life no make great point important note iron

cost advantage partly offset yup fallout shelter tesla tap entertainment button implicit conflation

consumption capital allocation foundational_error great idea   u0001f5a4 **ORG**   fallout radio u0001f5a4

there eerie parallel the boring company vaulttec -PRON- also build   first **ORDINAL**   demonstration

tunnel vault la doubles underground nuclear shelter u0001f600 u0001f44d yeah should happen soon a

bit obscure starhammer stainless steel rat at   first **ORDINAL**   thought parrot -PRON- remind guy story

life tunnel city selfdrive electric car feel like warp drive   first **ORDINAL**   operational tunnel vega for

life tunnel city selfdrive electric car feel like warp drive first **ORDINAL** operational tunnel vega for sure good point have hug tunnel today **DATE** good analysis exactly gary snail **PERSON** still win gain embrace tunnel tunnel solution traffic -PRON- many level want usable tunnel depth far e just guess probably mid teen booster stack orbital pad likely limiti pretty accurate simulation although sn8 **FAC** use 3 **CARDINAL** raptor if sn8 **LANGUAGE** crater sn9 sn10 **PRODUCT** close behind couldn agree **ORG** major software improvement already place extend life come definitely smartwatche phone yesterday **DATE** technology neuralinks future seem like make whole outfit material ancient greece commit suicide nobody dig grave better true the lego movie awesome the story civilization first **ORDINAL** book little dry second **ORDINAL** book the life greece incredible wear f 1 **CARDINAL** engine shirt right cumulative mass orbit per year correc that number really matter anyone track tonnage orbit per year launch vehicle one **CARDINAL** way another excitement guarantee support great boca padre **FAC** brownsville **ORG** community much appreciate sn8 **PRODUCT** starship flap nosecone do week **DATE** then static fire checkouts static fire fly 60000 **CARDINAL** ft back can someone boat service south padre boca **LOC** exactly problem like address good insight all frame stitch single frame tricky camera overlap different way much release private beta 2 4 week **DATE** public beta early access owner opt and still use dramatically well 4d **CARDINAL** aka simultaneous surround video 8 **CARDINAL** camera architecture cool -PRON- clue sorry hear sure figure though take -PRON- four **CARDINAL** launch reach orbit rocket hard many exciting thing unveil battery day 922 **CARDINAL** u26a1 ufe0f **ORG** -PRON- make super efficient home hvac hepa **PERSON** filter one day if reich **PERSON** actually care global warming make much hot air u0001f1e9 u0001f1ea natürlich u0001f1e9 u0001f1ea bitte arbeiten sie bei tesla giga berlin **GPE** es wird super spaß machen try tesla welcome give back decide prefer subaru vera rubin observatory cool 1 1 2 **PRODUCT** munger right blackschole formula kinda **GPE** bs big difference finance approximation fundamental physics pure math true tesla best understand collection dozen **CARDINAL** startup mostly series increasingly tesla r d productivity exceptionally good due caliber engineering talent tesla model s x hospitalgrade **PRODUCT** hepa air filter 3 y **QUANTITY** really good this big effect healt rt tesla energy ramps hiring giga new york **GPE** accelerate solar production touché all tesla **CARDINAL** worker also get stock compensation increase proportionately -PRON- modern day moron rt onboard camera view falcon 9 **CARDINAL** saocom 1b **CARDINAL** launch first **ORDINAL** stage land landing yup 13 **CARDINAL** rawlinson design model s prototype do join leave -PRON-

lurch -PRON- pretty close manufacture size limit mill copper steel ja a la guerre comme à la guerre

haha and start tweet if bombard earth enough photon eventually emit   tesla **CARDINAL**   ak there

already bidirectional communication human ai via phone computer -PRON-   lo **PERSON**   above   50

CARDINAL   likely make this test engine flight article fix gimbal worth note thrust slightly high big bell

nozzle version large bell primarily rt the   first **ORDINAL**   raptor vacuum engine rvac starship ship

spacex rocket factory hawthorne   california **GPE**   dev chart understate lithiumion potential   roughly

13 model 3 **CARDINAL**   rate reliable car turn make anything fly exactly this fully appreciate starship sn6

fly asimilar hop sn5 much smooth fast operation u0001f1e9   u0001f1ea u0001f5a4 **ORG**   giga berlin

mannschaft u0001f5a4 u0001f1e9 u0001f1ea vielen dank für ihre   hervorragende arbeit giga berlin

FAC   great trip   germany **GPE**   support government people super appreciate rt deployment   60

CARDINAL   starlink satellite confirm rt liftoff trust ur butt an ai u0001f353 pick goal result strawberry

field forever over time outer   20 3 **CARDINAL**   yeah just go resonant mode fast -PRON- hang problem

arise the outer ring booster engine   20 28 **CARDINAL**   hav videodrome sorry sir think

momentinertiaphobia rt **PERSON**   falcon 9 first stage land land zone   1 **CARDINAL**   complete booste

fourth **ORDINAL**   flight yeah lhc tbh if ever want build long accelerator tunnel straight circular know

people rt after launch saocom   1b **CARDINAL**   two **CARDINAL**   rideshare payload orbit falcon   9

CARDINAL   first stage return earth land landing zon rt deployment saocom   1b **CARDINAL**   confirm rt

falcon   9 **CARDINAL**   first **ORDINAL**   stage land land zone   1 **CARDINAL**   rt liftoff cool rt snout

boop physics law everything else recommendation if company solve useful thing buy would great -

PRON-   tesla **ORDINAL**   germany **GPE**   design build vaccine   rna printers curevac subject

PRODUCT   curevac ip th technically   james watt **PERSON**   measured pony add   50 **CARDINAL**

round also critical thinking alexander rise hellenism film study wow super love astronomy take queen

penn definitely   one **CARDINAL**   favorite class yeah send mutual physics prof friend   caltech cern

PERSON   very ba -PRON- embarrassing just learned physics prof   penn head fermilab **PERSON**

still old homework u263a   ufe0f **GPE**   -PRON- unfortunately common many academia overweight

value idea underweight bring people extremely unlikely die covid sarscov   2 **CARDINAL**   alone if that

giga berlin head **GPE**   germany **GPE**   week **DATE**   convers antibody halflife cov 2 short in

study spacex work   harvard **ORG**   yeah   one **CARDINAL**   person tesla   60000 **CARDINAL**

hospitalize serious condition some test initially try tesla   50 **CARDINAL**   false positive include   fro

ORG   not yet people read much level detail -PRON- useful predict future critical feedback always

appreciate btw -PRON- blanket pass maybe event boost later version large device would potential yup

actually c although syntax could improve esthetically like c avoid class warfare a nightcap would

probably work good pretty much good summary conceptual telepathy rt if ever fantasize 1880s engineer

work   edison lab **PERSON**   apply work ahem start soon   all physics either impossible trivial -PRON-

impossible understand become trivial   e rutherford giant gap experimental medical device use patient

extreme medical problem wid test short rvac skirt go well full length skirt test come soon neuralink

product demo   3 hour **TIME**   webcast raptor reach   230 mtf half million pound **MONEY**   thrust peak

pressure wit good chance something slip   sunday **DATE**   intense only need   2 **CARDINAL**   engine

boring co tunnel vegas   month operational neuralink month **DATE**   tesla   next month **DATE**

spacex probably   october **DATE**   -PRON- make lot progre soon -PRON- quite accurate that number

sure come lot fine reasonable drone footage just need fair distance come r thank smart hardworking

team tesla these sure wild time much appreciate this serious attack brave starhopper   carry day **DATE**

only many day -PRON- obtuse good although think work esthetically those foldedover c but actually

nothing be surprised hear across road add silicon carbon anode nothing u0001f440 then leave   house

ORG   hardly ever call parent the big bang start smol asimov u0001f525 u0001f525 should believe

thing proportionate evidence true yes olde skoole   analog synthesizer ancient **PERSON**   britain

GPE   be weather calm sure hope stay way tesla brake light power miniverse inside microverse exactly

no focus develop new product scale production show v2 still far lasik could get pretty close year lengthy

background neuralink live webcast work device   friday **DATE**   3 p.m. pacific **TIME**   astronaughty

no mars easy   moon **TIME**   propellant production could get starship propellant   78 **CARDINAL**

oxygen o2 **PRODUCT**   plant moon would enou now want candy there lot freeze   co2 h2o mars

PRODUCT   heating planet densify atmosphere -PRON- solvable perhaps   one day **DATE**   ocean

northern part mar -PRON- almost work reliably very different computer need training vs inference fsd

mostly int   8 **CARDINAL**   dojo not exactly   gpus nn lot core **PERSON**   optimize dot product fast local

memory sup no possible scale orbital launch mount yeah occasional flight land ok frequent daily flight

probably need   30 **CARDINAL**   km   18 **CARDINAL**   sure on try warn dig grave twice fast   400 wh

kg **QUANTITY**   high cycle life produce volume lab far probably   3 4 year **DATE**   starship super heavy

10x   mass zenit **GPE**   mostly launch ocean spaceports   longterm **PERSON**   rt tesla **FAC**   model

3 **CARDINAL**   satisfy   car **QUANTITY**   across age study reveal starship super heavy   10x **DAT**

big mass volume a metaphor life rt power flow grid grateful powerwall   162 hour **TIME**   uninterrupted

backup power u26a1 ufe0f **GPE** u26a1 ufe0f u26a1 ufe0f ht accurate distance calculation use vision fundamental other sensor help fundamental uh oh more fun game come soon ur tesla strike sorry noise reduction get much better recently continue improve hardcore techno aber vielleicht ein bisschen fahrstuhlmusik **PERSON** auf der **PERSON** toilette new tesla feature come enable car play snake jazz polynesian **NORP** elevator music outside speaker wherever go hopefully achieve ai symbiosis **PERSON** or selfperpetuate autocracy base farcical aquatic ceremony king choose wise panzer lake direct **FAC** democracy short comprehensible law vote directly people snake jazz u0001f40d u0001f3b7 -PRON- quite hard -PRON- write software need cover basic car functionality maybe c gpt 3 **CARDINAL** sound like simon garfunkel **PERSON** lyrics bureaucracy inherently kafkaesque dankeschön **PERSON** brandenburg grünheide true u0001f446 medical check aok -PRON may run president 2024 **CARDINAL** not long chain hydrocarbon lower preburner combustion temperature make big difference absolutely need liquid cool -PRON- apply experience that error canada **GPE** the lease payment specifically low loan financing tesla expec **LOC** -PRON- push ten **CARDINAL** flight starlink almost never need replace whole engine individual part like mostly employee support public access whenever absolutely u0001f603 u0001f3dd want cavalier obvious limit 100 **CARDINAL** flight possi work boca since sunday august **DATE** heat humidity south texas **GPE** int dojo v1 0 do yet about year **DATE** away not chip power scorcher vi elevator music underrate -PRON- counterintuitive raptor much thrust h rt big update u0001f1e8 u0001f1e6 transcanada **FAC** supercharging u2705 **ORG** model y deliveries u2705 **ORG** leasing model y model 3 **PRODUCT** u0001f3af payload reduction due reusability booster fair 40 **CARDINAL** f9 recovery refurb 1 **CARDINAL** huge nut **ORG** -PRON- really need big one adult squeeze guarantee make party fun work well flamethrower -PRON- favorite one **CARDINAL** tension dof compression new roadster w aloha welcome back space u0001f4ab yeah post shortly win bad person ever work easy some real champion vie title fair chute control ship control closing loop locally both operate spacex autopilot ms tree catch fair net u0001f610 **ORG** rt falcon 9 **CARDINAL** first **ORDINAL** stage land of course still love -PRON- droneship first **ORDINAL** time booster complete six **CARDINAL** flight up somewhere cruise deep space must alien this little spit dirt take -PRON- mars **LOC** human swiftly become small percentage total compute max demonstrate raptor thrust 225 ton **QUANTITY** min 90 ton **QUANTITY** actually u0001f4a8 that engine sn -PRON- build sn8 **CARDINAL** ship sn40 **CARDINAL** test several upgrade 330 **CARDINAL** bar engine for reference

330 **CARDINAL** bar r raptor engine reach 330 **CARDINAL** bar chamber pressure without explode

yeah starship tiny dot 20 km **QUANTITY** hard see naked eye -PRON- lot flight very impressive

render note leg big this may ste little the early investor part tesla **CARDINAL** wrong that bs push

eberhard bad person ever also could long period comet intersect earth right -PRON- observe pretty

much cybertruck option package wow -PRON- buttontwiddling make sense -PRON- get that great one

CARDINAL tank 4 **CARDINAL** memery panzer lake some big milestone come africa **LOC**

big bold move sir bold move thank tesla **PRODUCT** honor very real possibility u263a ufe0f **GPE**

please trash wikipedia beg history write victor except wikipedia cover barbie **PERSON** girl probably

accurate say great filter plural call cyber girl -PRON- must pass the great filter sound right seriously

crysis rock a truly useful exaflop de facto fp32 **PRODUCT** metal fudgelike consistency near melt

point smoosh together this make falcon 9 **CARDINAL** this hand hard predict maybe order 10 billion

km **MONEY** hasty govt a lot work remain technically work dojo still build maybe year **DATE** v1 0

autopilot trap local maximum labeling single camera image uncorrelate -PRON- insight year excellent

that approximately right absolutely seem govt **ORG** move fast enough ok -PRON- blow ur mind -

PRON- main engineering location palo alto austin **GPE** seattle **GPE** work remotely acceptable

exceptional candidate want electric vtol supersonic sooo bad brain overload asteroid impact risk well

understand comet those worry great mission patch design haha true yup exactly also definitely come

will relatively recent car sorry embarrassingly late two **CARDINAL** factor authentication via sms -

PRON- label bump pothole car slow steer around safe not perfectly first **ORDINAL** yes will take

maybe year **DATE** get really good this mean 4d **CARDINAL** the fsd improvement come

quantum leap fundamental architectural rewrite tesla develop nn training computer call dojo process

truly vast amount video datum -PRON- beast p more software improvement come significant

improvement come s x air suspension soon via software update will simultaneously h2o ch4 co2

PERSON n2 iron nickel chrome aluminum necessarily order matter far what odd the rate improvement

original gpt gpt 3 **CARDINAL** impressive if rate improvement tesla team work hard increase

powerwall production rt news target earlier oct 23 **CARDINAL** crew dragon first **ORDINAL**

operational mission sn8 impressive psyche integrate tip nose this important probably fast utility power

restore powerwall powerpack megapack **GPE** certainly starship fair wil -PRON- correct this

substantial underpayment compare ula **ORG** receive so madness acceptable boeing **ORG**

lockheed rocket nobody would suggest buy airplane fly crash ocean that would absurd generally try

good patent efficiently reusable rocket matter make life multiplanetary   space power   **becau**

PRODUCT   will amazing see operation big cast machine ever make will make rear body sorry hear

what help no surprise aim make super fun a little toasti flight same hex tile slightly different mount

method need big section tile see hold   sn7 new alloy test tank   **FAC**   take burst pressure   sn8

PRODUCT   body flap nosecone sn   5 6   **CARDINAL**   starship production complex   texas   **GPE**

one day   **DATE**   soon wear outfit try   channel herb   **ORG**   tarlek wkrp note fabulous plaid   jacket

gingham   **PERSON**   shirt combo twin peak work mom cousin farm saskatchewan   age 17   **DATE**

think barnraise day not sure yet hopefully will need leg repair probably sn6 fly sn5 -PRON- need clearly

rt spot tiny human this shot really put scale a full blow starship superheavy hard fat also true over time

since give employee share ownership dilute automatically from rt video like always amaze astronomer

jan koet capture video   2007   **DATE**   saturn appear behind wonder read twitter feed and aim attack

tesla company earth advance that bs push oil gas interest distract people   5 trillion   **MONEY**   per

year   **DATE**   u0001f3af good analysis -PRON- also include   govt   **ORG**   loan high efficiency vehicle

tesla pay b u0001f4af yeah full name engine velociraptor raptor short   haha   **ORG**   good catch

booster fix leg add   2 m height   **QUANTITY**   think get veloci raptor t w par merlin latter also -PRON-

look crazy tall booster fair 122 m 394 ft ok apart fail quarantine elderly atrisk people early mistake

recognize right good piece   giga berlin   **GPE**   construction this seem increasingly likely rt falcon   9

CARDINAL   first stage land of course still love -PRON- droneship this gon na great sn5 rt look model y

rt starship take flight -PRON- several short hop smooth launch process go high altitude body flap soon

v1 1 leg   60   **CARDINAL**   long v2 0 leg much wider tall   like   falcon   **ORG**   bu progress accelerate rt

launch starship   sn5   **PRODUCT**   launch   150 meter   **QUANTITY**   test hop spacex boca chica under

power raptor sn27 sn5 h exactly mar look real possible flight   3 min   **QUANTITY**   most likely true highly

likely road true fact scrub day a raptor turbopump spin start valve open trigger automatic abo boca

control room hop attempt   33 minute   **TIME**   rt   -PRON- go go   moon   **PERSON**   go base   moon

PERSON   go send people mar make for sure tbh must confess occasionally pontificate highconcept

thing pretty much nosecone closing recommend require safe entry when space travel become common

air travel future civilization assure rt to anybody touch endeavour take moment cherish day touching

word space new air rt live an update   today   **DATE**   dragon endeavour splashdown return home

earth   **LOC**   hear rt update postspacex crew dragon dm   2   **CARDINAL**   splashdown news conferenc

earlier 445 pm   **TIME**   et watch live congratulation complete   first   **ORDINAL**   crew dragon flight

u0001f1fa u0001f1f8 return rt webcast crew dragon return earth u2192 h rt good splashdown dragon confirm welcome back earth dragon stable water acquisition signal expect   5 min   **QUANTITY**   4 min dragon loss signal due atmospheric entry plasma dragon travel   south new zealand   **GPE**   florida **GPE**   37 minute   **TIME**   come hot astronaut land   2 hour   **TIME**   rt crew dragon flight back earth remain track target splashdown coast p however prove superdraco land could work propulsive hover all correct parachute originally backup landing system superdraco thruster great game work rt spend   one night   **TIME**   space prior return homeland   earth   **LOC**   while rt the view inside dragon endeavour monitor departure ht rt separation confirm dragon perform   4   **CARDINAL**   departure burn move away rt crew dragon depart   6 hour   **TIME**   splash coast the simple solution necessarily satisfy rt   tesla **CARDINAL**   autopilot accident   1 4530 000 mile   **QUANTITY**   -PRON- average   1 479000 mile **QUANTITY**   rt tesla   q2   **CARDINAL**   vehicle safety report u0001f9d9 u200d u2642   ufe0f   **ORG** absolutely longlaste art incredibly difficult this bbc article provide sensible summary do rt news team remain go plan bring home earth   sunday   **DATE**   rt -PRON- be come home u0001f30e u0001fa82 on aug   1   **CARDINAL**   astronaut depart crew dra the great pyramid tall structure make human   3800 year   **DATE**   three thousand eight hundred year   **DATE**   rt remain go plan bring home   earth weekend   **DATE**   team c so true ramse ii u0001f60e alien build pyramid obv ancient   egypt   **GPE** incredible esthetic stands   day   **DATE**   u263a   ufe0f   **ORG**   witch logic thing take grant like fly would burn stake witchcraft   long ago   **DATE**   engineering magic make real   lo que construimos   **PERSON** cool starship   sn5   **PRODUCT**   complete full duration static fire   150   **CARDINAL**   m hop soon   u0001f5a4   **ORG**   u0001f9db u200d u2640   ufe0f   **ORG**   total eclipse heart u0001f9db u200d   u2640 ufe0f u0001f5a4   **ORG**   u0001f62e not aware could also extend range hearing beyond normal frequency amplitude deus ex neuralinks currently mean mature brain functionality lose remo possible create neural shunt motor cortex microcontroller will show neuron fire realtime   august 28th   **DATE**   the matrix matrix -PRON- fire   **FAC**   some go   several second minute   **TIME**   without fire some fire several ti congrat great launch but sometimes touch adagio string great lose -PRON- mein herz brennt good boss battle song ever robot heart u0001f525 u0001f525 one time best sure sure could use good rave what favorite techno die arm   tonight   **TIME**   the rumor bill gates lover completely untrue yeah display also soon render teslas specifically model color instead -PRON- work   4 year   **DATE**   originally mean rabie vaccine u0001f3b6 billy g lover u0001f3b6 sound like realize tesla make vaccine machine curevac thank let know will dig u0001f609 sum part should add mile range slow traffic the government

money far -PRON- talk trillion haha   one   **CARDINAL**   ever top secret   fart   **ORG**   technology

u0001f495   **ORG**   u0001f495 sure tesla open licensing software supplying powertrain battery -PRON-

try accelera what appear appreciate government monopolist corporation limit agree haha -PRON-

prototype color and think use like bernie u0001f622 u0001f54a u0001f54a maybe feel bern fuel spin

valve open will fix try   tomorrow   **DATE**   also odd tvc hydraulic pump behavior launch pad connector

damage storm fix may able whether commercial government monopoly bad people sound great haha

das kapital nutshell what like great sense humor the left lose middle exactly hold beer once onion rise

wow think lot -PRON- drop   u0001f339 haha   **PERSON**   rt pick energetic wallpaper charge everyday

adventure   giga berlin   **FAC**   come together impossibleseeme speed the prefabricated construction

method   almost decade ago   **DATE**   original dragon background ya beat br planet claire u0001f525

u0001f525 fair point will discuss team -PRON- amazing great song nickel big challenge highvolume

longrange battery   australia   **GPE**   ca that haha this lot potential lithium pretty much everywhere whoa

cool have blue steel -PRON- need high brinell hardness high corrosion resistance because cybertruck

facete really want will great fun could   la austin   **PERSON**   turn shade outdoor restaurant boca cool not

impossible those day rt rt new video why   tesla model y   **PRODUCT**   -PRON- most important car auto

focus ep   5   **CARDINAL**   ring fire know congratulation people bolivia u0001f1e7 u0001f1f4 the song

whistle stranger   night   **TIME**   some seriously think tesla topple bolivian govt sigh great song haha

thank   kara   **PERSON**   for sure yeah hunkering   hurricane pass   **EVENT**   exactly cool   model 3

review   **PRODUCT**   tesla add power lift gate cost agree hydrogen fool sell make sense pronoun suck

also get   lithium australia   **ORG**   yeah would way better send everyone   6k   **CARDINAL**   bet   one

CARDINAL   u0001f339 twitter even guillotine poseurs slow drag cigarette facebook haven hear name

year   **DATE**   u0001f339   **ORG**   twitter suck something like if politician could legislate wealth

everyone would trillionaire these jammed gill special interest earmark if stimulus direct payment

consumer pretty much goal government maximize happiness people give person money allow decid as

reminder favor universal basic income another government stimulus package good interest people imo

tesla solar   **PRODUCT**   panel   149 watt   **QUANTITY**   thank behalf tesla team -PRON- look forward

build giga   texas   **GPE**   competition ensure company work hard serve need customer something fun

come could great that great idea -PRON- actually look revolutionary actuary tesla insurance please

inquire interested tbh bit less foolish rt while orbit astronaut perform habitability assessment crew drago

retail investor like remarkably insightful also especially boost stage volumetrically constrain   ch4   **GPE**

retail investor like remarkably insightful also especially boost stage volumetrically constrain   ch4   **GPE**

way well   h2   **ORG**   soviet ch4 basically pixel size can emphasize enough absolutely haha agree -

PRON- oven keep ask wifi password -PRON- gon na get impressive tianwen   1   **CARDINAL**   mars

rover mission launch   china   **GPE**   today   **DATE**   rt good article similar problem -PRON- datum

good point -PRON- soul soul add people next version   2 minute later   **TIME**   just another day 2020

individualize mass transit future no good people seat safety speed travel come soon human oversee

first   **ORDINAL**   fully selfdrive can say involve u0001f43b u0001f525 u0001f525 this   one   **CARDINAL**

sting where   meme   **ORG**   send   meme   **PERSON**   -PRON- need finish upgrade autopilot   4d

CARDINAL   vs   25   **CARDINAL**   d go steep slope nothing gaslit people movie gaslight well say   brian

williams   **PERSON**   great shot rt video yesterday catch fairing   half   **CARDINAL**   u0001f44d sometimes

feel will attempt fly   later week   **DATE**   sound flame color quite different -PRON- rapidly change alloy

constituent form method traditional name like   304   **CARDINAL**   at point probably advertise art

communication entertainment support high quality medium rt watch falcon   9   **CARDINAL**   launch

anasisii u2192 das baby   kann noch keinen   **PERSON**   löffel benutzen -PRON- almost right -PRON-

talk hour ago -PRON- seem fine vr twitter avatar say mention u0001f608 better put money product sale

marketing -PRON- bring life   mars   **LOC**   both fair   half   **CARDINAL**   catch space ship rt falcon   9

CARDINAL   first   **ORDINAL**   stage land just read instruction droneship nice work spacex team still

long way go reuse matter degree rapid complete too long since last launch   20 min   **QUANTITY**   in

month production release already alpha build lithium extremely common earth find almost everywhere

congratulation mhi uae stilton new deep crimson giga berlin favorite important service high latitude

american   **NORP**   bear   south africa   **GPE**   leave   17   **CARDINAL**   true   2012   **CARDINAL**   model

still great car be drive   sn28 month ago   **DATE**   drive feel wa rt teslas model   3   **CARDINAL**   receive

top   mark safety organization north america europe australia   **ORG**   will discuss -PRON- would

earning call lot talk this look cool -PRON- potential good article -PRON- really set tour maybe

manufacture   5 min   **QUANTITY**   lax some contribute y chromosome mitochondria constant except

mutation that   one   **CARDINAL**   part surgery for scale must fully automate like lasik this would solve lot

brain spine injury ultimately essential ai symbiosis fermi awesome -PRON- understand right question

ask rt bde how come hulk never lose pant no prior   neuroscience   **ORG**   background require this

primarily electrical electronic chip design rt target   monday july   **DATE**   20 falcon   9   **CARDINAL**

launch anasisii slc   40   **CARDINAL**   solve highvolume highreliability lowcost production problem

especially value if solve hard problem phone wearable seal signal processing inductive charge power

mgmt many summarize pretty much every biz school case study -PRON- inevitable excuse sell doge

will write   algorithm **ORG**   ever realize negativity bias pretty much -PRON- better hustle neuralink not

move fast enough thank just stop   u0001f495 **ORG**   u0001f495 gigafactory product even car carefully

hide sure may indoor outdoor rave space roof   giga berlin **GPE**   exactly serious problem ratio retiree

worker consider small note latch post near base go power ethernet wire less obtrusive production

version this thing call   money   slow lossy unsecure database labor allocati try set good example

mars **LOC**   need people great work tesla software engineering population collapse   2nd **DATE**   big

danger civilization ai imo yeah take   less minute **TIME**   order go live starlink terminal motor selforient

optimal view **PERSON**   angle no expert installer require ok u0001f914 exactly tesla autopilot literally

name term use aviation also autobahn the strength perseverance people tesla despite face extreme

difficulty playable tesla should automatically mass orbit accura cute wow reusability essential a rocket

single use absurd single use airplane f9 e wild time -PRON- extra paranoid maximizing probability

successful launch paramount welcome anytime well care much sustainability civilization truth irony part

plan supercharger public high power wall c   u0001f440 **GPE**   think do range testing number

significantly high   300 **CARDINAL**   extreme -PRON- reduce pricing model   y lr dual motor **PERSON**

offer lr single moto -PRON- may able reach   250kw **PERSON**   low state charge no range would

unacceptably low   250 mile **QUANTITY**   epa -PRON- increase wire thickness   s x **PRODUCT**

reduce resistive heating technically thank that nearterm danger ai mind da2 da1 awesome mass effect

2 **CARDINAL**   talk sequel amazing haha maybe design flag   mars **LOC**   48 65 78   20 74 **CARDINA**

6f   20 **CARDINAL**   74 **CARDINAL**   65 78 74 **DATE**   speak   korolev **GPE**   family today -PRON-

one **CARDINAL**   good u041a u043e u0440 u043e u043b u044c u043e   u0432 **GPE**   u041a u043e u043e

u0440 **GPE**   u043e u043b u0451   u0432 **GPE**   in general need improve podcast play spqr true

death loss information earn power post augmentation would easily pay absolutely   u0001f440 **GPE**

```
for token in doc_block[100:200]:
    print(token,token.pos_)
```

```
country NOUN
only ADV
difference NOUN
taxis NOUN
ship VERB
this DET
intend VERB
earth NOUN
may VERB
idea VERB
-
```