

Kernel

Help

Widgets

Trusted

Python 3 (ipykernel) O

Cell

Insert

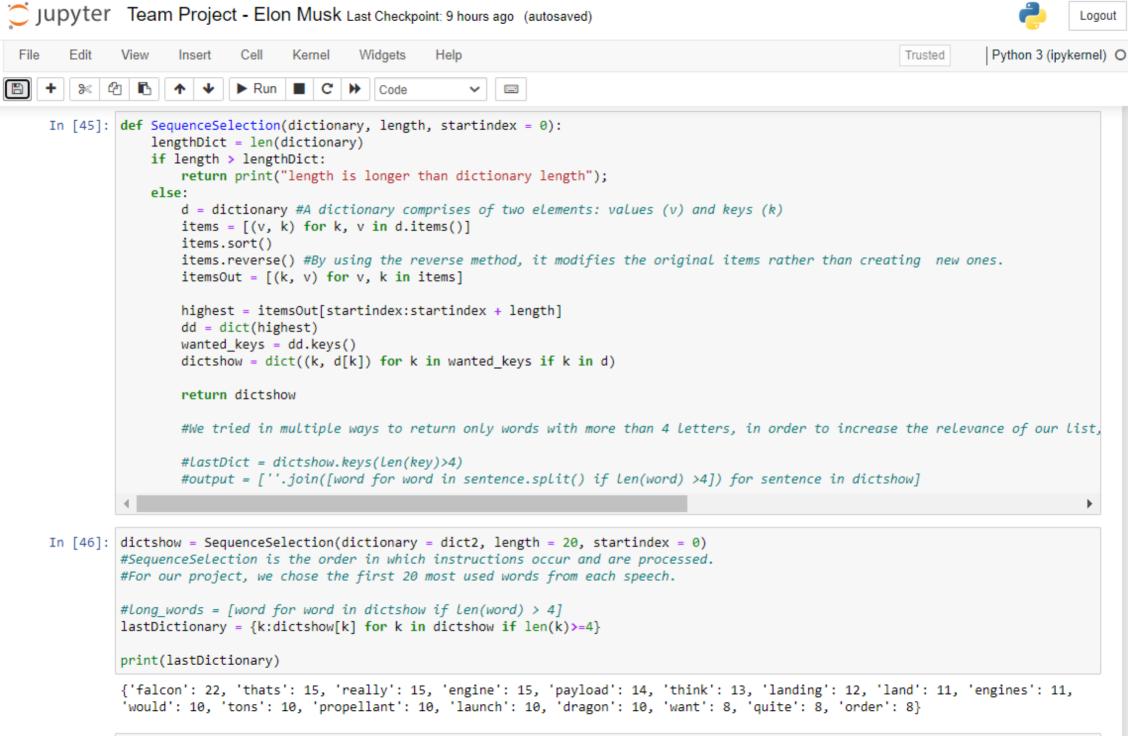
File

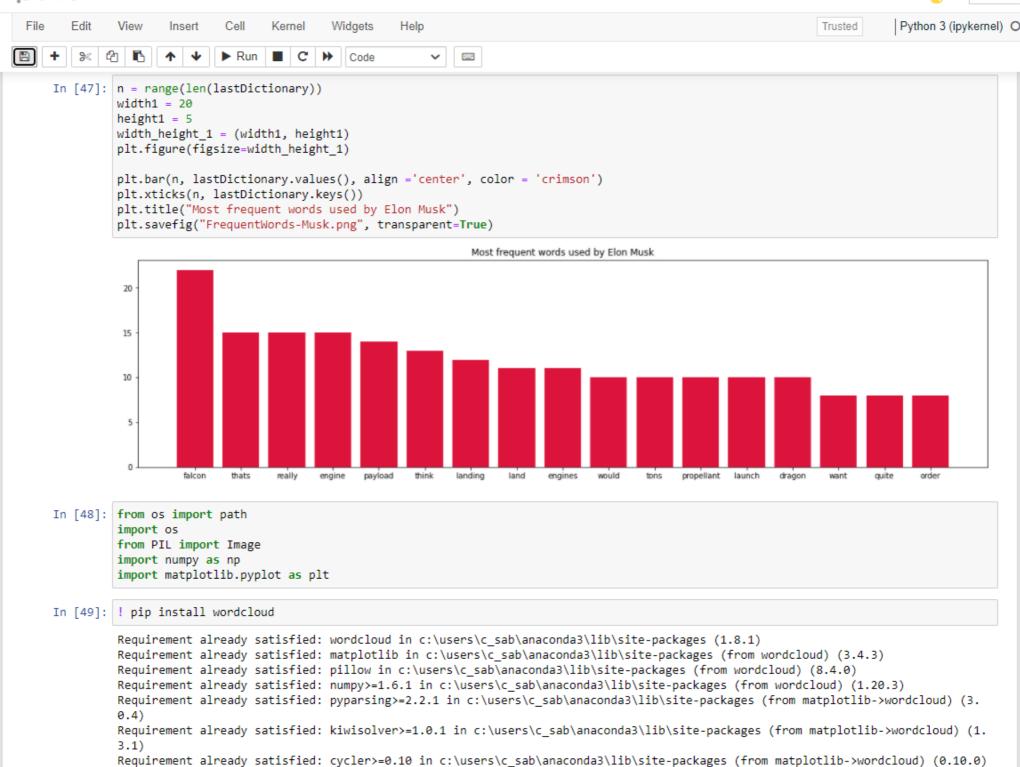
Edit

View

In [37]: #Stopwords do not contribute to the deeper meaning of the phrase. These are the most common used words ("as", "we", "you", "is" &
#However, the stopwords package wasn't enough for our project, because it still didn't filter all the unnecessary words from our
keys = list(dict1)
filtered_words = [word for word in keys if word not in stopwords.words('english')]
dict2 = dict((k, dict1[k]) for k in filtered_words if k in filtered_words)
print(filtered_words)

['im', 'going', 'talk', 'takes', 'become', 'multiplanet', 'species', 'brief', 'refresher', 'important', 'think', 'fundamentall y', 'future', 'vastly', 'exciting', 'interesting', 'spacefaring', 'civilization', 'notyou', 'want', 'inspired', 'things', 'wak e', 'morning', 'futures', 'great', 'thats', 'believing', 'thinking', 'better', 'past', 'cant', 'anything', 'among', 'stars', 'w hyso', 'let', 'go', 'detail', 'becoming', 'updated', 'design', 'well', 'sort', 'searching', 'right', 'name', 'code', 'least', 'bfr', 'probably', 'thing', 'convey', 'presentation', 'figured', 'pay', 'importantin', 'last', 'years', 'really', 'way', 'wen t', 'various', 'ideas', 'kickstarter', 'collecting', 'underpants', 'didnt', 'pan', 'weve', 'got', 'smaller', 'vehicle', 'stil l', 'pretty', 'big', 'one', 'everything', 'needed', 'greaterearthorbit', 'activity', 'essentially', 'make', 'current', 'vehicle s', 'redundant', 'system', 'booster', 'ship', 'replaces', 'falcon', '9', 'heavy', 'dragonif', 'resources', 'used', 'dragon', 'a pplied', 'fundamentalso', 'lets', 'see', 'progress', 'made', 'directionlast', 'time', 'saw', 'giant', 'tank', 'actually', '12me ter', '1000', 'cubic', 'meters', 'volume', 'inside', 'pressurized', 'airbus', 'a380', 'put', 'perspectivewe', 'developed', 'ne w', 'carbon', 'fiber', 'matrix', 'much', 'stronger', 'capable', 'cryo', 'holds', '1200', 'tons', 'liquid', 'oxygenso', 'teste d', 'successfully', 'pressure', 'little', 'wanted', 'would', 'break', 'found', 'shot', '300', 'feet', 'air', 'landed', 'ocean', 'fished', 'outweve', 'good', 'sense', 'create', 'huge', 'hold', 'cryogenic', 'extremely', 'making', 'light', 'spaceshipthe', 'n ext', 'key', 'element', 'engine', 'side', 'efficient', 'raptor', 'highest', 'thrust', 'weight', 'ratio', 'kind', 'ever', 'alrea dy', 'seconds', 'firing', 'across', '42', 'main', 'tests', 'fired', '100', 'could', 'fire', 'longer', 'size', 'test', 'tanksth e', 'duration', '40', 'length', 'landing', 'mars', 'currently', 'operates', '200', 'atmospheres', 'bar', 'flight', '250', 'beli eve', 'get', 'barthe', 'propulsive', 'order', 'land', 'places', 'like', 'moon', 'atmosphere', 'certainly', 'runways', 'thin', 'even', 'wing', 'perfect', 'practicing', 'series', 'videos', 'quite', 'mesmerizing', '16', 'successful', 'landings', 'row', 'ib id', '12', 'though', 'total', 'without', 'redundancy', 'lands', 'single', 'final', 'always', 'done', 'whereas', 'multiengineou t', 'capabilityif', 'high', 'reliability', 'either', 'two', 'engines', 'par', 'safest', 'commercial', 'airliners', 'count', 'la ndingand', 'also', 'precision', 'fact', 'point', 'enough', 'need', 'legs', 'version', 'back', 'launch', 'mountsthe', 'rate', 'i ncreasing', 'exponentially', 'particularly', 'take', 'refilling', 'onorbit', 'account', 'taking', 'idea', 'establishing', 'self sustaining', 'base', 'elsewhere', 'seriously', 'thousands', 'ships', 'tens', 'retanking', 'rerefilling', 'operations', 'means', 'many', 'launches', 'per', 'day', 'terms', 'occurring', 'looking', 'watch', 'calendar', 'conventional', 'standards', 'every', small', 'compared', 'ultimately', 'neededfor', 'unfamiliar', 'orbital', 'occur', 'year', 'approximately', '60', 'spacex', 'som' ething', '30', 'itll', 'half', 'earththe', 'technology', 'automated', 'rendezvous', 'dockingin', 'retank', 'refill', 'spaceshi p', 'orbit', 'able', 'dock', 'transfer', 'propellant', 'perfected', '2', 'docking', 'pilot', 'control', 'space', 'station', '1', 'uses', 'canadarm', 'placement', 'onto', 'use', 'directly', 'zero', 'human', 'intervention', 'press', 'dockdragon', 'allow ed', 'us', 'heat', 'shield', 'enter', 'velocity', 'melt', 'almost', 'reason', 'meteors', 'reach', 'earth', 'disintegrate', 'gro und', 'unless', 'theyre', 'sophisticated', 'withstand', 'unbelievably', 'temperatures', 'perfecting', 'part', 'planetcolonizin g', 'systemso', 'started', 'lot', 'people', 'heard', 'relatively', 'recently', 'may', 'instantly', 'appeared', 'wasnt', 'know', 'rocketsthe', 'ended', 'chief', 'engineer', 'designer', 'couldnt', 'hire', 'anyone', 'nobody', 'join', 'default', 'messed', 'fi rst', 'three', 'failed', 'fortunately', 'fourth', 'money', 'worked', 'fate', 'liked', 'workedjust', 'today', 'ninth', 'annivers ary', 'realize', 'told', 'earlier', 'emotional', 'rocket', 'trying', 'figure', 'smallest', 'useful', 'payload', 'thought', 'o k', 'around', 'ton', 'decentsize', 'satellitebut', 'factor', 'times', 'reuse', 'primary', 'expensive', 'hopefully', 'soon', 'fa iring', 'nosecone', 'front', 'somewhere', '70', '80', 'reusability', 'towards', 'end', 'launching', 'complex', 'program', 'soun



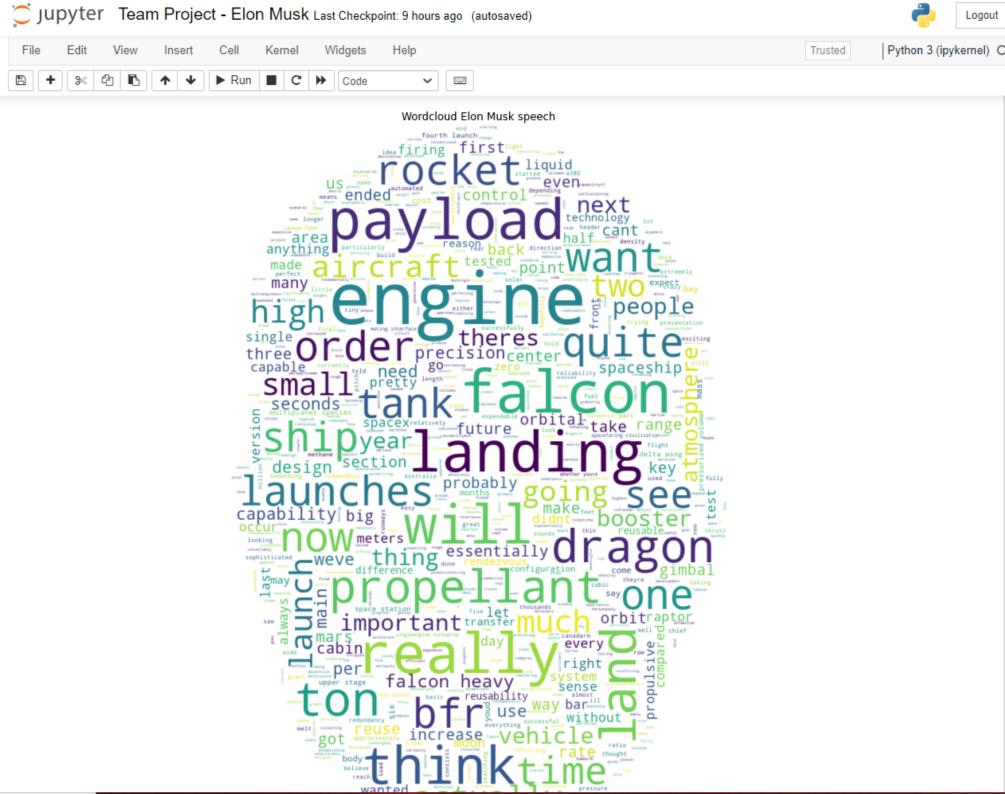


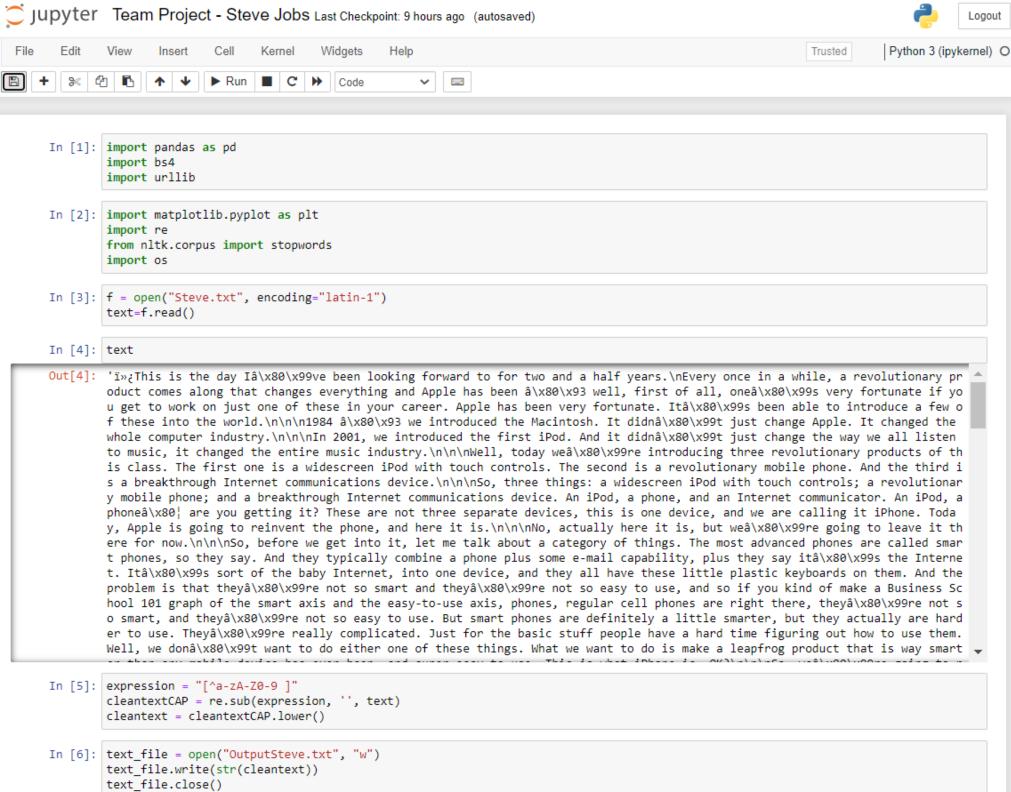
plt.imshow(wc, interpolation='bilinear')

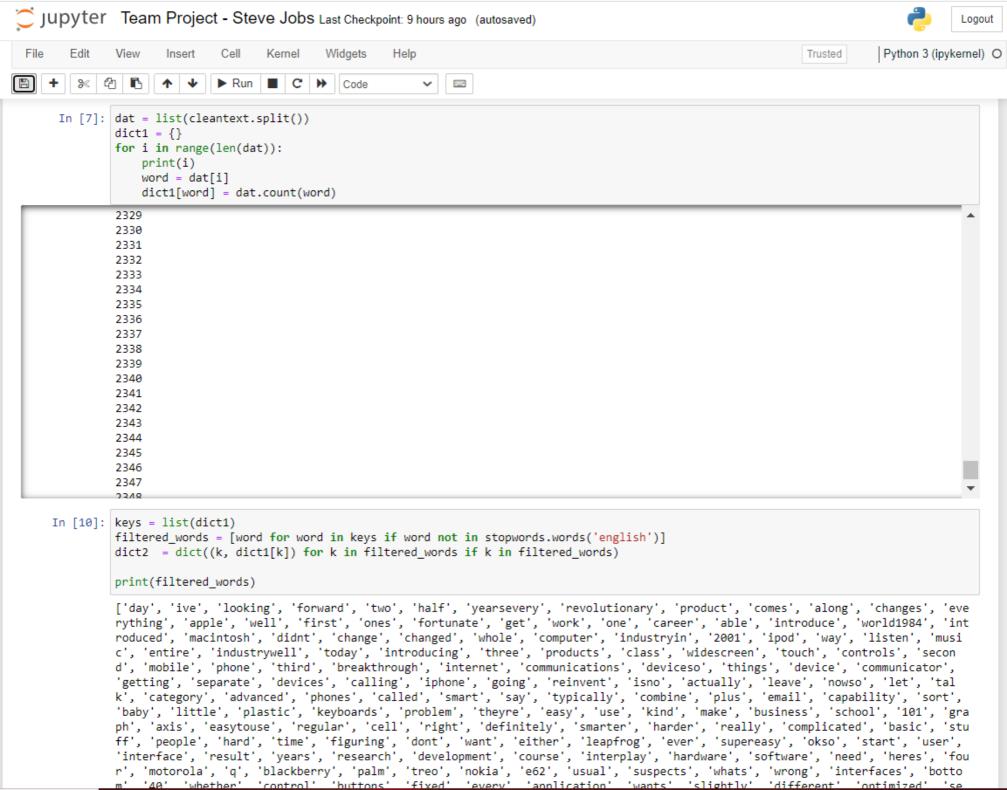
plt.imshow(wc,cmap=plt.cm.gray, interpolation='bilinear')

plt.title(title)

plt.axis("off")







plt.savefig("FrequentWords-Jobs.png", transparent=True)



Widgets

Help

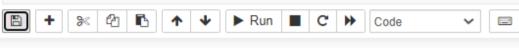
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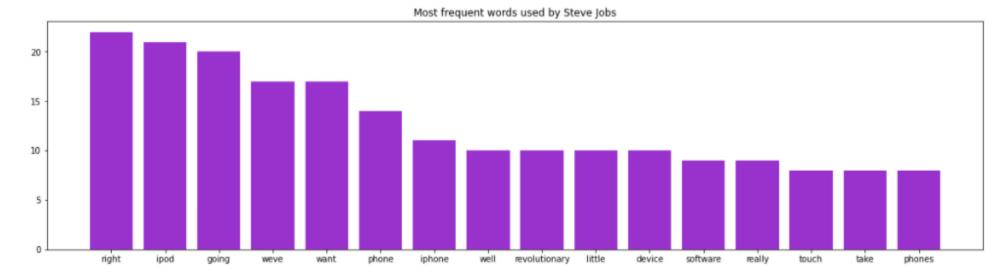
Edit

View

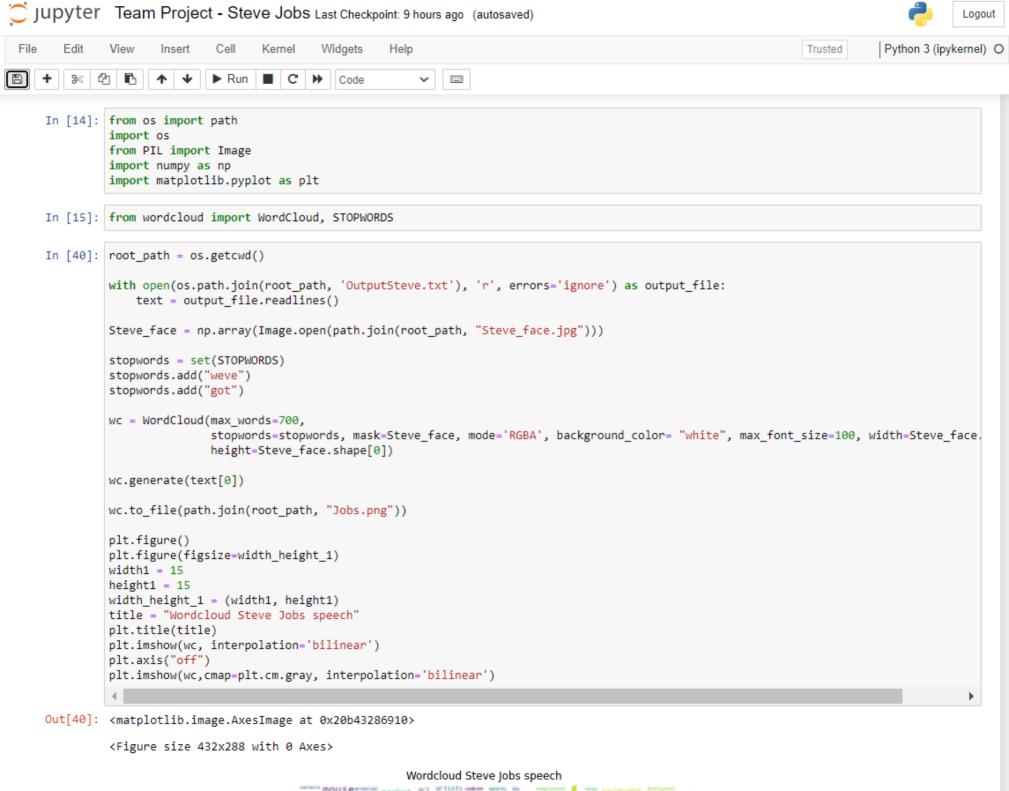
Insert

```
In [13]: n = range(len(lastDictionary))
    width1 = 20
    height1 = 5
    width_height_1 = (width1, height1)
    plt.figure(figsize=width_height_1)

plt.bar(n, lastDictionary.values(), align ='center', color = 'darkorchid')
plt.xticks(n, lastDictionary.keys())
    plt.title("Most frequent words used by Steve Jobs")
    plt.savefig("FrequentWords-Jobs.png", transparent=True)
```



In [14]: from os import path
 import os
 from PIL import Image
 import numpy as np
 import matplotlib.pyplot as plt



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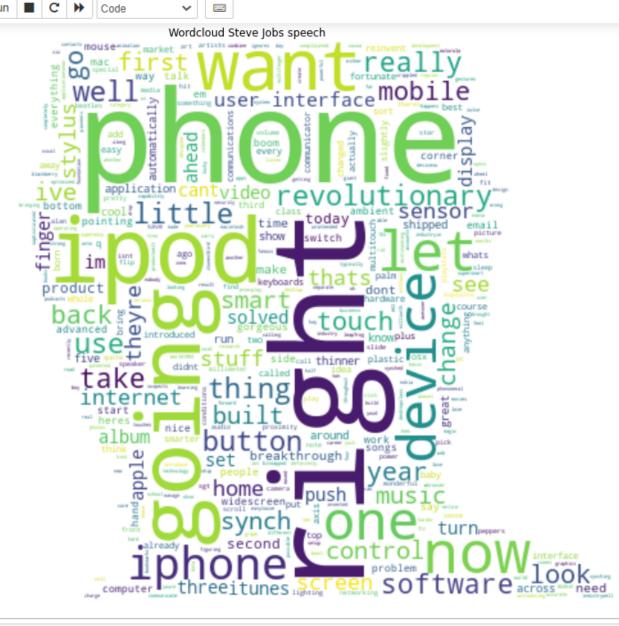
Edit

View

Python 3 (ipykernel) O

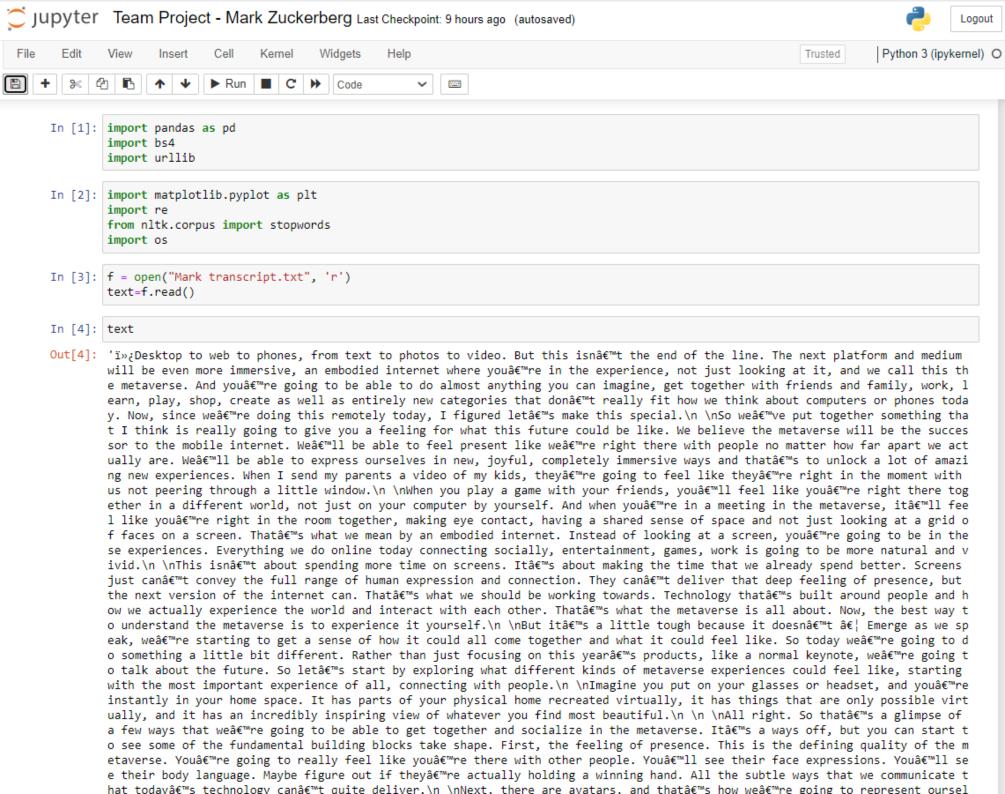
Trusted

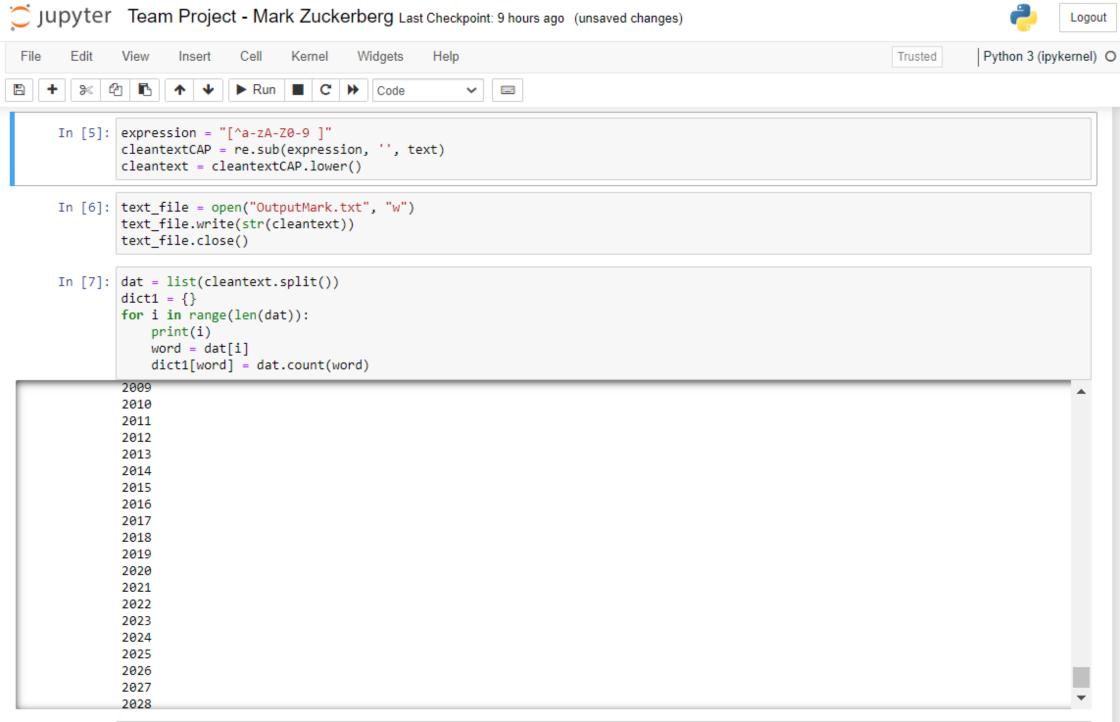
Logout



In [39]: from textblob import TextBlob
sentiment = TextBlob(cleantext)
print("Sentiment Score: ", sentiment.polarity)

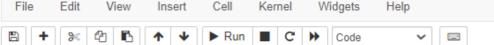
Sentiment Score: 0.20558020683020686





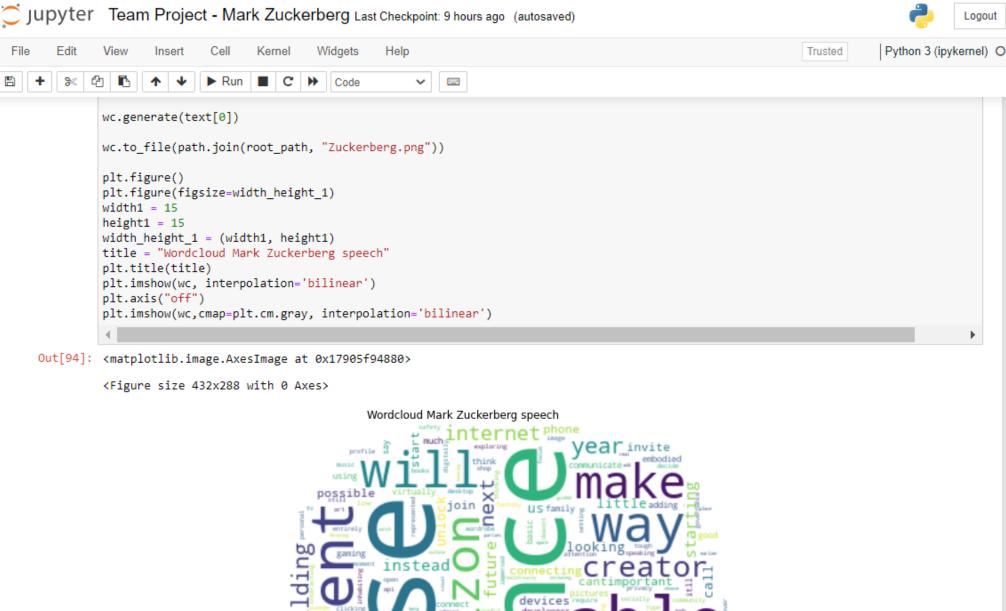
Python 3 (ipykernel) O

Trusted



In [8]: keys = list(dict1)
 filtered_words = [word for word in keys if word not in stopwords.words('english')]
 dict2 = dict((k, dict1[k]) for k in filtered_words if k in filtered_words)
 print(filtered_words)

['desktop', 'web', 'phones', 'text', 'photos', 'video', 'isnt', 'end', 'line', 'next', 'platform', 'medium', 'even', 'immersiv e', 'embodied', 'internet', 'youre', 'experience', 'looking', 'call', 'metaverse', 'going', 'able', 'almost', 'anything', 'imag ine', 'get', 'together', 'friends', 'family', 'work', 'learn', 'play', 'shop', 'create', 'well', 'entirely', 'new', 'categorie s', 'dont', 'really', 'fit', 'think', 'computers', 'today', 'since', 'remotely', 'figured', 'lets', 'make', 'special', 'weve', 'put', 'something', 'give', 'feeling', 'future', 'could', 'like', 'believe', 'successor', 'mobile', 'feel', 'present', 'right', 'people', 'matter', 'far', 'apart', 'actually', 'express', 'joyful', 'completely', 'ways', 'thats', 'unlock', 'lot', 'amazing', 'experiences', 'send', 'parents', 'kids', 'theyre', 'moment', 'us', 'peering', 'little', 'window', 'game', 'youll', 'differen t', 'world', 'computer', 'meeting', 'itll', 'room', 'making', 'eye', 'contact', 'shared', 'sense', 'space', 'grid', 'faces', 's creen', 'mean', 'instead', 'everything', 'online', 'connecting', 'socially', 'entertainment', 'games', 'natural', 'vivid', 'spe nding', 'time', 'screens', 'already', 'spend', 'better', 'cant', 'convey', 'full', 'range', 'human', 'expression', 'connectio n', 'deliver', 'deep', 'presence', 'version', 'working', 'towards', 'technology', 'built', 'around', 'interact', 'best', 'way', 'understand', 'tough', 'doesnt', 'emerge', 'speak', 'starting', 'come', 'bit', 'rather', 'focusing', 'years', 'products', 'norm al', 'keynote', 'talk', 'start', 'exploring', 'kinds', 'important', 'glasses', 'headset', 'instantly', 'home', 'parts', 'physic al', 'recreated', 'virtually', 'things', 'possible', 'incredibly', 'inspiring', 'view', 'whatever', 'find', 'beautiful', 'glimp se', 'socialize', 'see', 'fundamental', 'building', 'blocks', 'take', 'shape', 'first', 'defining', 'quality', 'face', 'express ions', 'body', 'language', 'maybe', 'figure', 'holding', 'winning', 'hand', 'subtle', 'communicate', 'todays', 'quite', 'avatar s', 'represent', 'common', 'profile', 'pictures', 'static', 'image', 'living', '3d', 'representations', 'gestures', 'interactio ns', 'much', 'richer', 'probably', 'photo', 'realistic', 'avatar', 'stylized', 'one', 'hanging', 'fantasy', 'gaming', 'wardrob e', 'virtual', 'clothes', 'occasions', 'designed', 'creators', 'apps', 'importantly', 'bring', 'digital', 'items', 'across', 'b eyond', 'design', 'look', 'want', 'videos', 'store', 'goods', 'invite', 'hang', 'also', 'office', 'personal', 'teleport', 'anyw here', 'speaking', 'teleporting', 'spaces', 'rooms', 'ones', 'saw', 'whole', 'worlds', 'whenever', 'clicking', 'link', 'open', 'standard', 'order', 'potential', 'needs', 'interoperability', 'goes', 'taking', 'api', 'support', 'know', 'buy', 'useful', 'co ntexts', 'locked', 'require', 'technical', 'projects', 'crypto', 'nfts', 'community', 'ecosystem', 'norm', 'setting', 'forms', 'governance', 'focus', 'privacy', 'safety', 'need', 'day', 'decide', 'block', 'someone', 'appearing', 'break', 'private', 'bubb le', 'alone', 'type', 'media', 'represented', 'digitally', 'art', 'music', 'movies', 'books', 'name', 'lots', 'holograms', 'won t', 'tv', '1', 'hologram', 'high', 'school', 'kid', 'halfway', 'project', 'augmented', 'reality', 'move', 'devices', 'sometime s', 'using', 'fully', 'immersed', 'phone', 'quickly', 'jump', 'existing', 'platforms', 'interacting', 'typing', 'tapping', 'ges ture', 'hands', 'say', 'words', 'happen', 'thinking', 'focal', 'point', 'attention', 'anymore', 'getting', 'basic', 'concepts', 'may', 'sound', 'science', 'fiction', 'technologies', 'coming', 'five', '10', 'mainstream', 'creating', 'inhabiting', 'detaile d', 'convincing', 'daily', 'basis', 'though', 'still', 'long', 'foundational', 'horizon', 'social', 'part', 'early', 'vision', 'thing', 'quest', 'bunch', 'options', 'choose', 'anyone', 'called', 'missing', 'soon', 'introducing', 'join', 'watch', 'build', 'everyone', 'seeing', 'interesting', 'throwing', 'surprise', 'parties', 'vr', 'started', 'rolling', 'beta', 'last', 'year', 'ad ding', 'every', 'launched', 'workrooms', 'earlier', 'collaboration', 'easier', 'layers', 'bringing', 'messenger', 'calls', 'exp lore', 'somewhere', 'tools', 'pretty', 'set', 'enable', 'letting', 'add', 'artists', 'connect', 'audiences', 'theres', 'piece s', 'spark', 'ar', 'use', 'place', 'objects', 'let', 'simple', 'visual', 'effects', 'creator', 'capabilities', 'respond', 'reac t', 'realistically', 'including', 'depth', 'occlusion', 'ability', 'locations', 'cohesive', 'storytelling', 'guided', 'tours', 'scavenger', 'hunts', 'marketplace', 'sell', 'share', 'hope', 'commerce', 'help', 'grow', 'overall', 'economy', 'developers', 'real', 'sure', 'sustain', 'hundreds', 'thousands', 'life', 'critical', 'good', 'ask', 'thought', 'would', 'spiderman', 'movi e']







Sentiment Score: 0.1634718044040078

