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import pandas as pd
import numpy as nm
from sklearn.model_selection import train_test_split as ttp
from sklearn.metrics import classification_report
import re
import string
import matplotlib.pyplot as plt

data_true=pd.read_csv("/content/drive/MyDrive/True.csv")
data_fake=pd.read_csv("/content/drive/MyDrive/Fake.csv")

data_true.head(5)

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the headquarters of Orban's Fidesz party. What we see unfolding is not an audit office investigation. It is not an official penalty. This is a death sentence with Jobbik's name on it. But in reality, it is a death sentence for Hungarian democracy, Jobbik leader Gabor Vona told the crowd. A government spokesman could not comment immediately on his remarks. ASZ chairman Laszlo Domokos is a former Fidesz lawmaker, whom Jobbik and other critics accuse of making decisions in favor of Orban. The audit office denies that. On Friday, ASZ again called on Jobbik to submit information that would challenge its findings, saying it acted fully within its rights throughout the probe. The ruling Fidesz party and the government have denied any involvement in the ASZ probe. This case has nothing to do with the election campaign, Orban aide Janos Lazar said on Thursday. For over a year Fidesz has targeted Jobbik, whose move to the center could upend the longstanding status quo of a dominant Fidesz with weaker opponents to its left and its right, said analyst Zoltan Novak at the Centre for Fair Political Analysis. Gyorgy Illes, a 67-year-old pensioner attending the rally, said he used to be a Socialist supporter but got disillusioned as the party struggled to overcome its internal divisions. This ASZ probe is a clear sign that Orban is way past any remedy. It is a ruthless attack on everything we hold dear. Democracy, the rule of law, equality, you name it, he said. \", \n \"/>BEIJING/TAIPEI (Reuters) - China accused the United States on Thursday of interfering in its internal affairs and said it had lodged a complaint after U.S. President Donald Trump signed into law an act laying the groundwork for possible U.S. navy visits to self-ruled Taiwan. Tensions have risen in recent days after a senior Chinese diplomat threatened China would invade Taiwan if any U.S. warships made port visits to the island which China claims as its own territory. On Monday, Chinese jets carried out island encirclement patrols around Taiwan, with state media showing pictures of bombers with cruise missiles slung under their wings as they carried out the exercise. On Tuesday, Trump signed into law the National Defense Authorization Act for the 2018 fiscal year, which authorizes the possibility of mutual visits by navy vessels between Taiwan and the United States. Such visits would be the first since the United States ended formal diplomatic relations with Taiwan in 1979 and established ties with Beijing. Chinese Foreign Ministry spokesman Lu Kang said while the Taiwan sections of the law were not legally binding, they seriously violate the One China policy and constitute an interference in China's internal affairs. China is resolutely opposed to this, and we have already lodged stern representations with the U.S. government, Lu told a daily news briefing. China is firmly opposed to any official exchanges, military contact, or arms sales between Taiwan and the United States, he added. Proudly democratic Taiwan has become increasingly concerned with the ramped up Chinese military presence, that has included several rounds of Chinese air force drills around the island in recent months. Taiwan is confident of its defenses and responded quickly to the Chinese air force drills

this week, its government said, denouncing the rise in China's military deployments as irresponsible. Taiwan presidential spokesman Alex Huang, speaking to Taiwan media in comments reported late on Wednesday, said the defense ministry had kept a close watch on the patrols and responded immediately and properly. Taiwan can ensure there are no concerns at all about national security, and people can rest assured, Huang said. Both sides of the narrow Taiwan Strait, which separates Taiwan from its giant neighbor, have a responsibility to protect peace and stability, he added. Such a raised military posture that may impact upon and harm regional peace and stability and cross-strait ties does not give a feeling of responsibility, and the international community does not look favorably upon this, Huang was quoted as saying. Relations have soured considerably since Tsai Ing-wen, who leads Taiwan's independence-leaning Democratic Progressive Party, won presidential elections last year. China suspects Tsai wants to declare the island's formal independence, a red line for Beijing. Tsai says she wants to maintain peace with China but will defend Taiwan's security. Taiwan is well equipped with mostly U.S. weapons but has been pressing for more advanced equipment to deal with what it sees as a rising threat from China. The United States is bound by law to provide the island with the means to defend itself. China has never renounced the use of force to bring Taiwan under its control. \\n

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```

```
data_true.shape, data_fake.shape
```

```
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```

```
data_true[\"class\"] = 1
```

```
data_fake[\"class\"] = 0
```

```
data_true_manual_testing = data_true.tail(10)
```

```
for i in range(21416, 21406, -1):
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    data_true.drop([i], axis=0, inplace=True)
```

```
data_fake_manual_testing = data_fake.tail(10)
```

```

for i in range(21416,21406,-1):
    data_fake.drop([i],axis=0,inplace=True)

data_manual_testing=pd.concat([data_fake_manual_testing,data_true_manu
al_testing],axis=0)
data_manual_testing.to_csv("manual_testing.csv")

data_merge=pd.concat([data_true,data_fake],axis=0)
data_merge.head(10)

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Anyway\u201d [VIDEO]","\n      "Kenyan president says repeat
election must be held within set time","\n      "VIDEO: College
Students Burn ISIS Flag On Campus While Onlookers Chant: \u201cUSA,
USA, USA!\u201d","\n    ],\n      "semantic_type": "\n",\n
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\n"BEIJING (Reuters) - A senior Chinese space official and military
officer has been promoted to run the People s Liberation Army s key
equipment development department, the military said on Monday, part of
a reshuffle ahead of next month s Communist Party congress. China s
armed forces, the world s largest, are ramping up their capabilities
with new equipment like aircraft carriers and stealth fighters as the
country pursues a more assertive stance in the disputed East and South
China Seas and seeks to project power far from home shores. In a brief
story on its website about a military technology exhibition in
Beijing, the Defence Ministry named Li Shangfu as the new head of the
military s Equipment Development Department. It gave no other details
of his appointment. According to his official resume, Li was
previously director of one of China s main satellite launch sites in
Xichang in the southwestern province of Sichuan and has been involved
in missions to explore the moon. The U.S. Defense Department has
highlighted China s increasing space capabilities, saying it was
pursuing activities aimed at preventing other nations from using
space-based assets in a crisis. China insists it has only peaceful
ambitions in space, but has tested anti-satellite missiles. Li, 59,
takes over from Zhang Youxia, who has likely reached retirement age.
Li could be promoted to Zhang s position on the Central Military
Commission, which is in overall charge of the People s Liberation
Army, when the party holds its once-in-five-years congress in Beijing
next month. However, sources familiar with the matter have told
Reuters that the commission may be cut down to Xi and four vice-
chairmen, doing away with committee members and streamlining reporting
lines. President Xi Jinping, who is commander-in-chief of China s

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armed forces, currently chairs the commission, which also comprises two vice-chairmen and eight committee members. China's military is preparing a sweeping leadership reshuffle, dropping top generals, including two that sources say are under investigation for corruption. China earlier this month also appointed new commanders for its army and air force.

WASHINGTON (Reuters) - President Donald Trump on Tuesday was scheduled to interview two candidates to replace James Comey as head of the FBI, former agency No. 2 James Pistole and former Assistant Attorney General Chris Wray, the White House said. The interviews mark a re-start of sorts for the search to find someone to replace Comey, who Trump fired on May 9. Trump said earlier this month he was very close to picking a nominee for the post and he had already met with several candidates.

The president will be meeting with two additional candidates this afternoon, both Chris Wray and John Pistole, White House spokesman Sean Spicer told reporters.

When the president feels as though he's met with the right candidate he'll let us know.

Pistole, the former head of the Transportation Security Administration, served as deputy director of the Federal Bureau of Investigation from 2004 to 2010. USA Today was first to report that Trump would be meeting with Pistole. Wray served as assistant attorney general in charge of the Justice Department's Criminal Division from 2003 to 2005. Comey was leading an FBI probe into possible collusion between Trump's campaign and Russia to sway the 2016 presidential election. His dismissal prompted an outcry from Democrats and some Republican lawmakers and raised questions about whether the president was trying to interfere with the investigation. The week after Comey was fired, reports emerged that Trump had asked Comey to end the agency's investigation into ties between former White House national security adviser Michael Flynn and Russia, according to a source who has seen a memo of the conversation written by Comey. The Department of Justice appointed a special counsel, former FBI director Robert Mueller, to head an independent investigation of the Russia matter.

"They whined and fear mongered, but in the end, Republicans had to sit and watch as Oregon took action to help struggling workers make a fair living. On Wednesday, Oregon Governor Kate Brown signed a bill into law raising the state minimum wage to the highest in the country, but in a unique way that takes into consideration the differences between urban and rural business growth. According to The Oregonian: The bill gives Oregon the highest statewide minimum wage rates in the nation, to \$14.75 inside Portland's urban growth boundary, \$13.50 in midsize counties and \$12.50 in rural areas by 2022. The law was agreed upon by labor unions and businesses in a compromise that should stand as proof that both sides can work together for the common good of the hardworking people who are trying to feed and cloth their families. Governor Brown expressed pride at what Oregon Democrats have achieved for families across the state with the help of unions and businesses. I am extremely proud of the collaborative spirit of the stakeholder groups that worked to

develop this legislation. Oregon has not only avoided a number of potentially problematic ballot measures, we have taken a very smart approach in a way that makes sense for workers and for businesses no matter where in Oregon they are. On Facebook, Brown wrote that the new law will ensure hard-working Oregonians get a much-needed raise in order to keep up with rising costs of rent, food, and other necessities. Even President Obama praised the new wage hike in a statement via the White House, and called upon Congress to do the same for the rest of the nation. I commend the Oregon Legislature and Governor Kate Brown for taking action to raise their state's minimum wage. Since I first called on Congress to increase the federal minimum wage in 2013, 18 states and the District of Columbia have acted on their own. These efforts will boost the paychecks of hardworking Americans and help support millions of workers trying to make ends meet. Today, more than half of our states guarantee their workers a wage higher than the federal minimum. That's progress. But Congress needs to keep up with the rest of the country. They need to act, and finally give America a raise. And until they do, I'll continue to encourage states, cities, counties and companies to act on their own to support hardworking families. This is a great day for Oregon workers, who must be a little more excited than usual to go to work now that they know they'll be taking home much more needed income to provide for themselves and their families. The same cannot be said for most of Republican-controlled Alabama and other red states.

Republicans there recently passed a law banning counties and cities from increasing the minimum wage within their own boundaries, making clear that they have no intention of raising the minimum wage in that state for the foreseeable future. So while people in Oregon can have hope that the future will be financially brighter, people in Alabama are struck and that's why it doesn't make sense for people to vote for Republicans. Featured image via KPTV

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```

import matplotlib.pyplot as plt
import pandas as pd

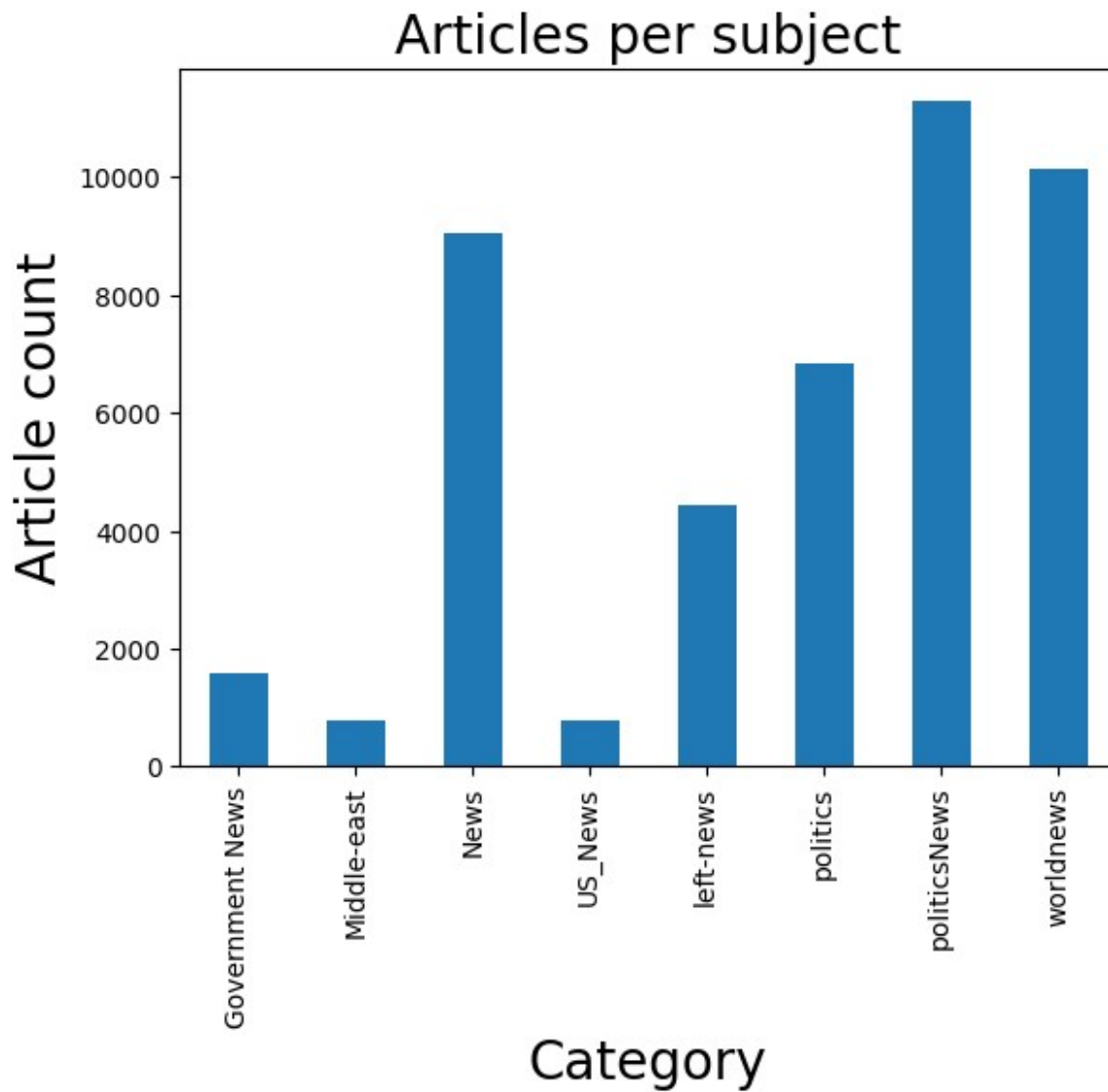
print(data_merge.groupby(['subject'])['text'].count())
data_merge.groupby(['subject'])['text'].count().plot(kind="bar")
plt.title("Articles per subject", size=20)
plt.xlabel("Category", size=20)
plt.ylabel("Article count", size=20)
plt.show()

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```

subject
Government News      1570
Middle-east          778
News                 9050
US_News              783
left-news            4449
politics             6841
politicsNews         11272
worldnews            10135
Name: text, dtype: int64

```



```
import matplotlib.pyplot as plt
import pandas as pd

print(data_merge.groupby(['class'])['text'].count())
print("0 = Fake News\n1 = True News")

class_counts = data_merge['class'].value_counts()
class_counts.plot(kind="pie", labels=['Fake News', 'True News'],
autopct='%1.1f%', startangle=140)
plt.title("Fake News vs True News", size=20)
plt.axis('equal')
plt.show()
```

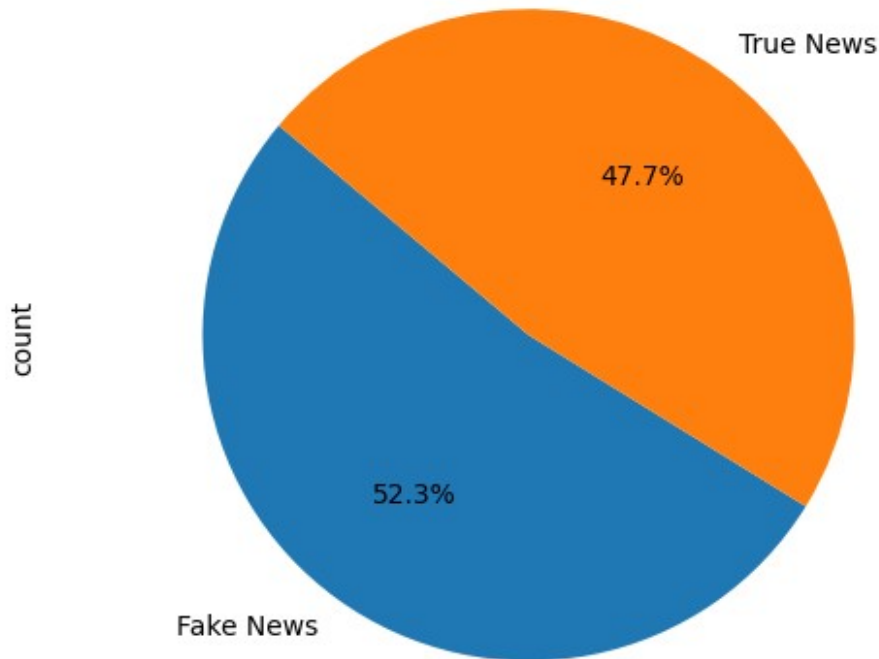


```

class
0      23471
1      21407
Name: text, dtype: int64
0 = Fake News
1 = True News

```

Fake News vs True News



```

data=data_merge.drop(["title","subject","date"],axis=1)
data.head(10)

```

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\"This one sentence should scare every taxpaying American to death: I
know we can afford it because we re gonna make the wealthy pay for it.
- HRCLast night s debate for the candidates running for President on
the Democrat side proved to be a fluff fest as if Santa himself was in
the room. Free college, free this and free that Could someone please
tell these people we re 18 TRILLION dollars in debt!Here s the
transcript from Rush today that speaks to this Santa syndrome in the
Democrat party:RUSH: First up is a montage here from the debate last
night. Bernie Sanders, Hillary, Lincoln Chafee, and they re all
talking about all the free stuff. College and health care and whatever

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you want. If you're an illegal immigrant, it's all yours. All you have to do is show up. SANDERS: Make every public college and university in this country tuition-free. HILLARY: Anyone to go to a public college or university tuition-free. SANDERS: We're all gonna have medical and family paid leave. HILLARY: Make sure every child gets health care, including undocumented children and others. CHAFEE: Funding education, funding infrastructure, funding health care. HILLARY: Enhance the benefits for the poorest recipients of Social Security. SANDERS: We should be putting money into education. I want Wall Street now to help kids in this country go to college, public colleges and universities. HILLARY: I know we can afford it because we're gonna make the wealthy pay for it. RUSH: (laughing) We can afford it cause we're gonna make the wealthy pay. We are \$18 trillion in debt. Now, you can afford anything if you ignore that, and if you don't think that's a problem and if that number is irrelevant, the money never has to even be serviced or paid back, then of course you can afford anything. But the truth is, we can't afford anything. We can afford maybe, what, what's the number that we drag in by tax revenue every year? The numbers are confusing, but \$3 trillion whatever we can afford every year, but we so exceed that. We have exceeded it for so long. We're already paying for things we can't afford. And these people just want to lap more and more on top of it. Via: Rush Limbaugh\", \n
\"Stephen Colbert hit the nail right on the head and surely touched on some conservative nerves when he did a little ditty on the US Treasury's announcement they'd be putting Harriet Tubman on the \$20 bill. Colbert starts by pointing out that to do that you first have to remove Indian stabber ummm Native American stabber Andrew Jackson. Jackson, who was considered a kind slave owner because he gave the nearly 300 human beings he kept shackled and owned a place to sleep and food and allowed the women to have children. The last one is a no-brainer if you own people babies are just free slaves. Jackson's rise to the presidency was also the beginning of the Democratic party that opposed Lincoln and ultimately seceded from the union. Colbert does quite a bit of poking fun at the founding slave owners, because, well they owned people. Jackson, in particular, was all about preserving the 3/5ths of a person slaves were counted as for census, which gave the South's big plantation enormous blocks of voting power within their state. And just how will Tubman feel being carried around next to the likes of Washington and Jefferson? Colbert also brought up the gender pay gap, noting that the \$20 bill with a woman on it will now only be worth \$17. Yet another dig at the conservatives who are at this moment trying to put out fires in racist back country congressional districts where they don't like to be left out of the decision-making process for such important things as denying African-Americans and their heritage any role in American history. Remember, these are the same people who oppose black history month, because why should they get their own month when whites only have the other 11? Racism, plain and simple, will be the thing people will remember most about Tubman's debut on the \$20 bill. Sad but

network, in the event his father-in-law lost, according to a person familiar with the matter. Kushner spearheads his family's real estate development company, Kushner Companies, and is the publisher of the New York Observer weekly newspaper, which he acquired at age 25. While a federal anti-nepotism law prohibits a president from hiring family members to serve in his administration, Kushner is set to remain a key insider and trusted confidant. Reince Priebus, appointed Trump's White House chief of staff on Sunday, told NBC's Today show on Monday that Kushner obviously will be very involved in decision-making. Kushner serves on Trump's transition executive committee. Kushner is a Harvard graduate with a New York University law degree and a master's in business administration. Like Trump, Kushner followed in the footsteps of a real estate powerhouse father. His father, Charles Kushner, is a real estate developer, philanthropist and major Democratic donor whose reputation was left in tatters after a lurid criminal case. He was sentenced to two years in prison after pleading guilty in 2004 to 18 counts of tax evasion, witness tampering and making unlawful campaign donations. During the case, he admitted to smearing his brother-in-law, who had cooperated with prosecutors, by hiring a prostitute to have sex with him in a motel room, then sending a secretly recorded video of the encounter to the man's wife, Charles Kushner's own sister. In an unusual twist, the man who prosecuted Charles Kushner was Chris Christie, now the governor of New Jersey, who also has served as an adviser to Trump. Kushner is an Orthodox Jew whose wife, Ivanka, converted to Judaism before they married. The family keeps kosher, observes the Sabbath and attends an upscale synagogue on New York's Upper East Side. ANTI-SEMITISM CONTROVERSY Steve Bannon, former head of the right-wing Breitbart News website, took a leadership post in the campaign in August after it became clear that Trump, his children and Kushner trusted his advice and analysis, a source said at the time. Breitbart News is closely associated with the alt-right movement, a loose online group of white supremacists, anti-Semites and others opposed to multiculturalism. Trump, who takes office on Jan. 20, named Bannon as chief strategist and senior counselor on Sunday. Dana Schwartz, a Jewish reporter for Kushner's newspaper, in July criticized Trump for his Twitter post accusing Clinton of corruption using a Star of David image and a background of \$100 bills. Schwartz then wrote an open letter to Kushner after being deluged with anti-Semitic tweets. Schwartz asked Kushner, "how do you allow this? Because, Mr. Kushner, you are allowing this. ... When you stand silent and smiling in the background, his Jewish son-in-law, you're giving his most hateful supporters tacit approval." Kushner responded by writing in the Observer, "In my opinion, accusations like 'racist' and 'anti-Semite' are being thrown around with a carelessness that risks rendering these words meaningless." He went on to write that his grandmother and grandfather survived the Nazi Holocaust while other relatives did not.

I know the difference between actual, dangerous intolerance versus these labels that get tossed around in an effort to score political points," Kushner wrote. Kushner became a major player in real estate in his mid-20s, after his father's conviction. At 26, he orchestrated what was the most-expensive single-building purchase in U.S. history in 2006 with the \$1.8 billion acquisition of a 41-story skyscraper at 666 Fifth Avenue in Manhattan. Kushner told The Real Deal trade magazine afterward, "In New York, you have to act quickly, or else you get left in the dust."

NEW YORK (Reuters) - A federal judge in New York voiced skepticism on Wednesday over whether groups and individuals should be able to proceed with a lawsuit against President Donald Trump alleging that he violated the U.S. Constitution by accepting foreign payments through his hotels and other businesses. U.S. District Judge George Daniels also questioned government lawyers seeking to have him throw out the suit accusing Trump of running afoul of the Constitution's emoluments clause by maintaining ownership of his business empire while in office. Daniels said he would rule within a month or two on whether he will continue to hear the suit. The emoluments clause, designed to prevent corruption and foreign influence, bars U.S. officials from accepting gifts from foreign governments without congressional approval. Trump has ceded day-to-day control of his businesses to his sons. Critics have said that is not a sufficient safeguard. During a hearing on the bid to dismiss the case, Daniels suggested the U.S. Congress might be better suited than the courts to resolve the dispute. "They can make this an issue, but they have not done so," Daniels said. "Why is it appropriate for the judiciary to have the president fight this out in a street brawl?" The plaintiffs in the lawsuit, filed in January after Trump took office, are the nonprofit watchdog group Citizens for Responsibility and Ethics in Washington, a hotel owner, a hotel events booker and a restaurant trade group. Daniels, appointed to the bench by Democratic former president Bill Clinton, acknowledged that the case was navigating uncharted waters. "If he allows the case to go ahead, a lawyer for the plaintiffs, Joseph Sellers, said they intend to seek further evidence of Trump's alleged violations of the emoluments clause. In court papers, they said the full extent of his violations are not yet known because he has not released his tax returns. But Daniels raised doubts about whether the plaintiffs are legally entitled to sue. Federal courts usually require plaintiffs to demonstrate they have actually been harmed. The plaintiffs allege they are injured when foreign governments try to curry favor with Trump by favoring his businesses, such as the Trump International Hotel in Washington, or a high-end restaurant at a Trump hotel in New York City, leading to lost patronage, wages and commissions. The emoluments clause was not meant to provide a right to protect individuals from competition, Daniels told another plaintiffs' lawyer, Deepak Gupta. Gupta urged the judge to reject the government's view that the

president is above the law. In June, the Trump administration asked the court to throw out the case, saying the constitution prohibits gifts and emoluments given to U.S. officials acting in their official capacities only and does not constrain the president's businesses. Daniels did not buy that argument. If a foreign government expects favorable action, it might also buy a million dollars worth of your hot dogs, he told Brett Shumate, a lawyer for the U.S. Department of Justice. Just because it's a business transaction doesn't necessarily mean it's not an emolument, Daniels said. Shumate replied, The president is engaging in ordinary business transactions, not in exchange for anything.

WASHINGTON (Reuters) - U.S. Secretary of State Rex Tillerson will visit Saudi Arabia, Qatar, Pakistan, India and Switzerland in a week-long trip starting on Friday, the State Department said in a statement released on Thursday. In the Middle East, Tillerson will discuss the conflict with Yemen, Iran, and the ongoing dispute with Qatar, among other issues, the department said. In Geneva, he will meet several international organizations to discuss refugees, it added. His trip, scheduled for Oct. 20-27, also marks Tillerson's first visit to South Asia as secretary, according to the department.

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```
data.isnull().sum()
```

```

text      0
class     0
dtype: int64

```

```

def filtering(data):
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    text=re.sub('[.*?\]', '', text)
    text=re.sub("\\W", "", text)
    text=re.sub('https?://\\S+|www\\.\\S+', '', text)
    text=re.sub('<.*?>+', '', text)
    text=re.sub('[%s]' % re.escape(string.punctuation), '', text)
    text=re.sub('\\n', '', text)
    text=re.sub('\\w*\\d\\w*', '', text)
    return text

```

```

data['text']=data['text'].apply(filtering)
data.head(10)

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egypt's top diplomat sameh shoukry suggested qatar was using its financial power to influence unesco's member executive council it is an organization that is owned by international society and cannot be sold to a particular state or individual he was quoted as saying when asked about the qatari candidate's campaign logo i'm not coming empty handed a diplomat at qatar's embassy in paris declined to comment a qatari official at unesco's headquarters also declined immediate comment egyptian candidate khattab's first message on twitter in three months was a re tweet of an article in the israeli press entitled israel bemoans emerging qatari victory in unesco leadership vote kawari the qatari candidate has so far not reacted to the egyptian allegations simply tweeting on wednesday al kawari tipped to head unesco voting lasts over a maximum five rounds if the two finalists end level they draw lots you get the impression that some are playing politics and competing for the sake of having a post rather than actually wanting to secure the future of the organization said a european diplomat \",\n \"/>around the time same sex marriage was making headlines a handful of cake bakers across the country threw temper tantrums and refused to bake wedding cakes for anyone who didn't pass their rigid moral test i.e. wasn't marrying someone of the opposite sex while these cake bakers claimed it was their first amendment right to refuse service the supreme court said it wasn't what a difference a couple of years makes today we have a new president and bigotry is now cool one cake baker though was asked to bake donald trump's inaugural cake they did it but they donated the profits to a charity trump would hate the human rights campaign the whole situation is weird to begin with trump wanted an exact duplicate of the cake that celebrity chef duff goldman baked for the inauguration the cake on the left is the one i made for president obama's inauguration years ago the one on the right is trump's i didn't make it pic twitter.com/qjxpcfphii duff goldman duffgoldman january's people went to the buttercream bakeshop in washington d.c. to have the cake recreated they were happy to duplicate goldman's work with full attribution and a catch that trump is likely not happy about excited to share the cake we got to make for one of last night's inaugural balls while we most love creating original designs when we are asked to replicate someone else's work we are thrilled when it is a masterpiece like this one duffgoldman originally created this for obama's inauguration years ago and this year's committee commissioned us to re create it best part is all the profits are being donated to humanrightscampaign one of our favorite charities who we have loved working with over the years because basic human rights are something every man woman and child straight gay or the rainbow in between deserve excited to share the cake we got to make for one of last night's inaugural balls while we most love creating original designs when we are asked to replicate someone else's work we are thrilled when it is a masterpiece like this one duffgoldman originally created this for obama's inauguration years ago and this year's committee commissioned us to re create it best part is all the profits are being donated to humanrightscampaign one

of our favorite charities who we have loved working with over the years because basic human rights are something every man woman and child straight gay or the rainbow in between deserve a photo posted by buttercream bakeshop bttcrmbakeshop on jan at pstcongratulations buttercream bakeshop you just showed the anti gay bigots how cake protest is done bravo featured image via alex wong getty images

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