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import pandas as pd
import numpy as np
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/fake news/True.csv")
data_fake=pd.read_csv("/content/drive/MyDrive/fake news/Fake.csv")

#from google.colab import drive
#drive.mount('/content/drive')

data_fake.head(5)

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  Make Steve Bannon Look Sane (TWEETS)\", \n      \"BREAKING: FL GOV
  RICK SCOTT Calls for FBI Director to Resign\", \n      \" WATCH:
  Mike Pence\\u2019s Photo Op With Puerto Rico Survivors Just Went
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  Medical Center for Women and Children at the University of Hawaii is
  currently recruiting pregnant girls and women to participate in
  second-trimester abortions to measure their bleeding during the
  operation, with and without antihemorrhagic drugs. According to the
  Clinical Trials website, run by the National Institutes of Health,
  participants must be at least 14 years old and 18-24 weeks
  pregnant.The controversial study, led by Bliss Kaneshiro, MD and Kate
  Whitehouse, DO, will monitor bleeding during D&E abortions to
  determine the effects of the drug oxytocin, commonly used to minimize
  blood loss and decrease the risk of hemorrhage.The clinical trial,
  called Effects of Oxytocin on Bleeding Outcomes during Dilation and
  Evacuation began in October 2014 and is a collaboration between UH,
  Society of Family Planning and the University of Washington.The
  Society of Family Planning funds a number of similar research
  projects, such as experimenting with the dosage of Misoprostol, a
  uterine contracting agent, prior to surgical abortions at 13-18 weeks
  and exploring umbilical cord injections to produce fetal death prior
  to late-term abortions.In the UH study, researchers will carry out a
  randomized, double-blinded, placebo-controlled trials, to determine
  the effect of oxytocin s use on uterine bleeding, meaning that they
  will either provide or deny intravenous oxytocin to the women.Reports

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suggest that some doctors are concerned that withholding oxytocin during surgery may put patients, especially teen girls, at risk. This study is reminiscent of Nazi concentration camp experiments. I pity the poor women who are being treated like lab rats, especially those who are denied the drug to reduce hemorrhaging, said Troy Newman, President of Operation Rescue. Dilation and evacuation abortions are surgical procedures that involve dismembering the pre-born baby with forceps, scraping the inside of the uterus with a curette to remove any residuals and finally suctioning out the womb to make sure the contents are completely removed. After the abortion, the corpse of the fetus is reassembled and examined to ensure everything was successfully removed and that the abortion was complete. The study is hoping to attract up to 166 test subjects and is expected to conclude in July 2015. Via: Breitbart News

"CNN was quick to scoop up Corey Lewandowski after Donald Trump kicked him out of his role as campaign manager, but his first week on the job is going pretty much exactly how you would expect it to go terribly. Not only has Lewandowski proven himself to be pretty much like a paid spokesman for Trump, but his defense of the disgraced GOP candidate isn't being received well. Earlier this week, Lewandowski revealed that he was under contract and couldn't criticize The Donald, even after being fired from the campaign. Today, Lewandowski got called out by Hillary Clinton surrogate Christine Quinn for hyping Trump up to be an expert on the Brexit decision—a suggestion that was clearly false. On Monday's edition of CNN's New Day, Lewandowski made another pathetic defense of Trump by trying to reframe the candidate's disgusting reaction to Brexit, where he mostly spoke about how much the decision would be good for his Scotland golf resort. Lewandowski's defense was: Obviously the U.S. dollar has become much stronger now against the British pound. If you're going to spend money in Europe, now would actually be a good time to go with the fall of the pound. What you have is a world view, so what you have is someone who is saying, Let's look at this from the U.S. perspective. If you want to go and travel overseas—just from a monetary perspective—now is the right time to do that because what you're getting is more for your dollar. Quinn wasn't having it. She ripped into Lewandowski, firing back, Donald Trump is not running to be travel agent of the world, he's running to be president of the United States. She continued: What he said wasn't a commentary on international markets, it was, When the pound goes down, more people will come to my golf course. Donald Trump's main concern isn't the international markets, it isn't the impact that Brexit will have on hard working Americans—401Ks, it's himself. How can he make more money, how can he put more money in his bank account? Lewandowski compared the Brexit decision to Trump's rise in the GOP, and Quinn once again called him out and put him back in his place. She said: Trump touted that he saw this coming. That's ridiculous because when he was first asked about Brexit by the press, he didn't appear to know what it was. Lewandowski tried to counter by insisting that People are too smart, they are tired of being told what to do. He

then tried to commend Trump for being a selfish moron: You know what Donald Trump said about Brexit? What he said was, you don't have to listen to me because it's not my decision. He didn't weigh in like Hillary Clinton did, like Barack Obama did, saying that you can't do this. Quinn fought back, Because he didn't know what it was. Lewandowski was fighting a losing battle. Trump's reaction to Brexit was just as terrifying as it was humorous it truly proved that Trump knows nothing about foreign affairs, and hasn't spent any time educating himself since the beginning of his presidential candidacy. If only some of the hours he spent getting into fights on Twitter were being used for learning about how the world works. But instead, he once again exposed himself as an unfit choice for President. And when people like Lewandowski try to make sense of his idiocy, they only make themselves look equally foolish. You can watch the embarrassing video below: Featured image via screen capture

A Michigan woman decided to defend against tyranny? when she and another shopper couldn't agree over who got to buy the last notebook on the shelf at the Novi Towne Center store. According to ABC 13, the brawl yes, brawl involved two Farmington Hills residents, ages 46 and 32, and a mother and daughter from South Lyon, ages 51 and 20. In other words, these were all grown adults who should have known better but hey there was only one notebook on the shelf, and we've all seen what happens in those post-apocalyptic movies when a store is down to the last gallon of milk, right? Two of the women, one of whom was the unnamed 20-year-old, reached for the notebook at the same time. The 46 and 32-year-olds apparently decided that she wasn't getting their goddamn notebook and began pulling her hair. Then, because this had almost hit peak trailer park, the 20-year-old's mother decided to go for bonus points by pulling out her gun. Fortunately, someone pushed her aside before she could do any harm. This is one of the NRA's responsible gun owners (conservatives can't dismiss this one, as it is confirmed that she is a concealed carry permit holder) ready to leap into action at the most minor sign of danger and make things worse by turning the situation potentially deadly. Watch it happen below: Featured image via screengrab

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data\_true.shape, data\_fake.shape

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data_fake["class"]=0

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for i in range(21416,21406,-1):
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government watchdog said on Friday it was investigating whether police
had assaulted students during protests this week at the University of
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authority said on its Twitter feed. It requested that any member of
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investigation. The students had been protesting against the re-arrest

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of a lawmaker, Paul Ongili Owino, on Wednesday, shortly after he was released on bail on charges of subversion for calling President Uhuru Kenyatta a son of a dog at a campaign rally. Kenya is a key Western ally in a region often roiled by violence. Preparations for the re-run of the election are being closely monitored for signs of instability, after at least 28 people were killed in unrest following the Aug. 8 vote. The IPOA watchdog was created in 2011, after police came under severe criticism for the number of protesters killed during demonstrations against disputed elections in 2007. The violence then killed around 1,200 people. But local and international rights groups say the institution is struggling to fulfill its mandate to investigate allegations of police brutality in a country rife with reports from civilians of extrajudicial killings by security forces. The IPOA has secured two convictions of police officers in the four years it has been operational. The watchdog pledged last month to fast-track investigations into high-profile deaths such as that of a baby allegedly killed by police in the violence after the election. [L4N1L34FC] But people familiar with the status of these investigations say the police are not cooperating with them, and that senior officials in the police force and the interior ministry insist officers killed only thieves and thugs. \", \n

\"WASHINGTON (Reuters) - The Secret Service is investigating a confrontation between a Time magazine photographer and a Secret Service agent at a rally for Republican presidential candidate Donald Trump in Virginia, the White House said on Tuesday. \\u201cThe Secret Service is working with local law enforcement to try to get to the bottom of what exactly happened,\\u201d White House spokesman Josh Earnest told reporters during a briefing. \\u201cThe leadership of the Secret Service has indicated that they\\u2019ll take appropriate steps based on the conclusion of that investigation.\\u201d The rally on Monday was interrupted by protesters, including some from the Black Lives Matter movement. A photographer who was trying to document their removal from the rally was grabbed by the neck and shoved to the ground by a U.S. Secret Service agent. (Reporting by Clarece Polke; Editing by Mohammad Zargham) This article was funded in part by SAP. It was independently created by the Reuters editorial staff. SAP had no editorial involvement in its creation or production. \", \n

\"PRISTINA (Reuters) - Kosovo's center-right coalition led by the Democratic Party of Kosovo signed a deal on Monday with the small New Alliance for Kosovo party to form a government, ending nearly three months of political deadlock after an election on June 11. Finally Kosovo has started to move ... we had some big delays and our institutions now will be formed, said Ramush Haradinaj, from the center-right coalition of parties made up of former guerrillas who fought the 1998-99 war against Serb forces. Under the deal, the parties along with ethnic minorities will secure 63 seats in the 120-seat parliament. President Hashim Thaci is expected to give Haradinaj a mandate to form the government within days. A source who asked not to be named told Reuters the parliament session to elect the

parliament speaker would be held this week. Haradinaj, who twice stood trial before the United Nations war crimes court for war crimes and was acquitted, briefly held the post of prime minister in 2005. The smaller New Alliance for Kosovo party is led by Behgjet Pacolli, who is dubbed by media the richest Kosovar. Pacolli, who also holds a Swiss passport, won many contracts from the Russian government to rebuild state buildings in Moscow in the 90s but a decade ago he moved his business from Moscow to Kazakhstan. It is unclear what post Pacolli will hold in the new government. The new government will have to tackle unemployment running at 30 percent and improve relations with Kosovo's neighbors, especially Serbia, a precondition for both countries to move forward in the European Union accession process. It must also reform health and education and the tax administration system as well as include representatives of some 120,000 Kosovo Serbs who do not recognize independence. Kosovo declared independence from Serbia in 2008, almost a decade after NATO air strikes drove out Serbian forces accused of expelling and killing ethnic Albanian civilians in a two-year counter-insurgency.

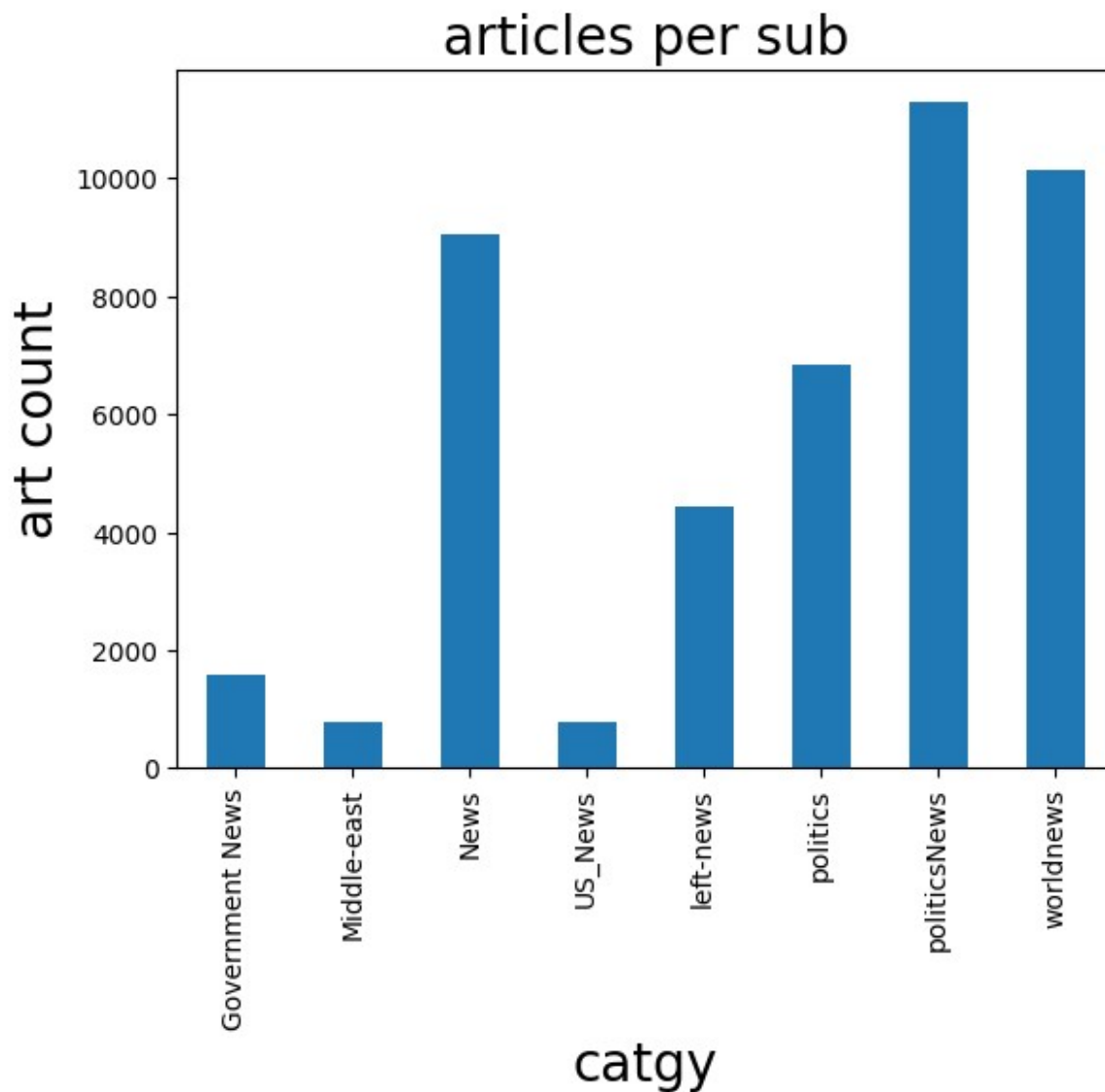
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|                 |      |
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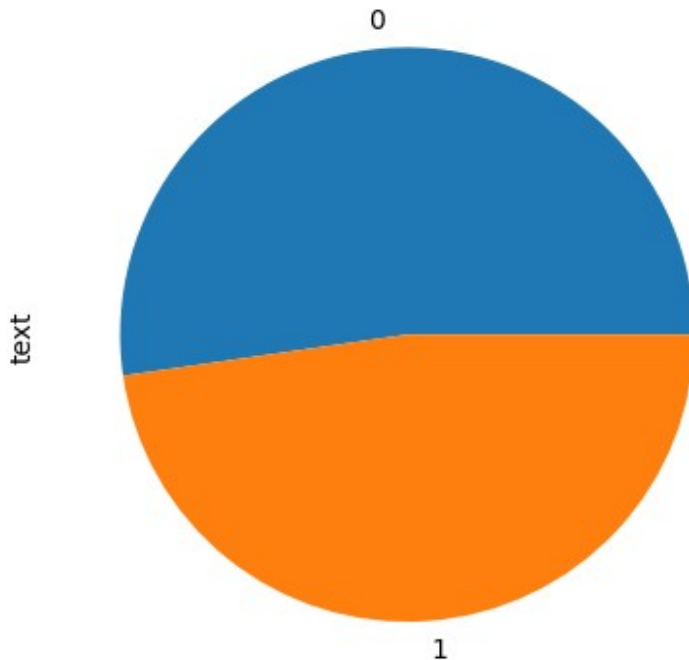


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plt.title("fake news and true news",size=20)
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1=true news

## fake news and true news



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\"Like moths to a lamp bam!The terror suspect who allegedly helped orchestrate the shootout at an anti-Islam event in Texas had aspirations to join Islamic State and attack the Super Bowl, authorities say.Abdul Malik Abdul Kareem, 43, was described as off-the-charts dangerous by officials as they outlined the evidence against him. He was arrested last week on charges related to the shootout at a Prophet Muhammad cartoon contest, which led to the deaths of two roommates from Phoenix, Arizona.An indictment filed in federal court in Phoenix says Kareem hosted the gunmen in his home from January and also provided the guns they used in the May 3 shooting in Garland.At a hearing in federal court, FBI special agent Dina McCarthy described how a witness and a confidential informant reportedly learned about Kareem's interest in the Islamic State,

including watching the terror group's videos with Texas shooters Elton Simpson and Nadir Soofi. McCarthy said a 2012 investigation into Kareem determined he had a terrorism training document on his computer. She claimed he wanted to attack the Super Bowl when it was in Arizona this year but she provided no specifics about how serious he was. The magistrate denied bail for Kareem, who is charged with conspiracy, making false statements and interstate transportation of firearms with intent to commit a felony. This is an individual who is apt to incite violence, prosecutor Kristen Brook said. This defendant, based on all these facts, is dangerous he is off-the-charts dangerous. Defense lawyer Daniel Maynard called it a trumped-up case based largely on an unreliable confidential informant charged with kidnapping and sex trafficking. This is your typical jailhouse snitch, Maynard said adding that there was no proof Kareem purchased any of the guns used in the Texas shooting. Via: UK Daily Mail

LONDON (Reuters) - Frenchman Kevin Mayer led at the halfway stage of the decathlon at the World Championships on Friday in the race to fill the void left by the retirement of Ashton Eaton. American Eaton dominated the sport in recent years, winning the last two Olympic and world titles. Mayer, silver medallist at the Olympics last year, produced personal bests in the 100 and 400 meters and still has two of his strongest events to come on Saturday - the pole vault and 110 meters hurdles. The European record holder produced finished fourth in the 100 meters in 10.70 seconds, the first of the 10 disciplines. The 25-year-old also performed well in the shot put, where he threw a season's best 15.72 meters to finish second, and was fourth in the long jump with 7.52 meters. After coming joint fifth in the high jump, he finished his day by running 48.26 seconds in the 400 meters, the seventh best overall time, to lead with 4,478 points from Germans Kai Kazmirek, on 4,421, and Rico Freimuth on 4,361. I am a perfectionist. There are still many things I have to look at, Mayer said. There is still a long way to go until the last event. Everybody keeps telling me that I am the favorite, but before coming here I was not the favorite. Kazmirek, eighth after the shot put, leapt up to second after winning both the high jump (2.11 meters) and the 400 meters (47.19 seconds). Canadian Damian Warner, bronze medallist in Rio, began strongly by winning the 100 meters in 10.50 meters but slipped down the field after struggling in the shot, where he threw a modest 13.45 meters. He crept up to fourth again after producing the second best overall time in the 400 meters of 47.47 seconds.

Two months before the Winter Olympics in Seoul, South Korea, Olympic gold medal skier Lindsey Vonn claimed she would be representing the United States, but not President Trump, when she returned to the Winter Games. Vonn, who won a gold medal in the women's downhill competition in 2010 in Vancouver, skipped the 2014 Sochi games because of knee injuries. I hope to represent the people of the United States, not the president, Vonn said this week amid the buildup to the 2018 games in PyeongChang, South Korea. FOX News Vonn's ridiculous and unnecessary comments threw her into the

middle of a nasty controversy on social media. Unfortunately, with one hateful statement, Vonn managed to alienate a large number of fans who were rooting for her to bring home the gold for the United States. If she didn't already know, someone should have told Vonn that U.S. Olympic athletes are supposed to be representing the United States of America, and not the President of the United States. Only three days after Vonn's statement about boycotting President Trump's invitation to the White House, she suffered a back injury that caused her to lose the World Cup race, as she placed 24th in the competition. Yesterday, Vonn, 33, lost her first Olympic race in eight years after a late mistake that cost her a medal. Americans responded to her loss on social media, reminding her of her desire to make her race about her hate for Donald Trump instead of about representing America. Here's how Vonna responded to her loss on Twitter: Frustrating to be so close to the podium and to have made such a big mistake but that's ski racing. I'm proud of the way I skied and how I attacked the course. I gave it my all and came up short. That's life. Now it's on to the Downhill!

lindsey vonn (@lindseyvonn) February 17, 2018 USA OVER PARTY included a video of Vonn losing the race, reminding her that the Trump curse is real: Yes the Trump Curse is real A perfect run and DOHHHH Hahahahaha #Olympics #LindseyVonn #MAGA #Choke Yes the Trump Curse is real A perfect run and DOHHHH Hahahahaha #Olympics #LindseyVonn #MAGA #Choke pic.twitter.com/vsUxqhVr9r USA OVER PARTY (@michaelbeatty3) February 17, 2018 Bella Donna responded to Vonn's loss: Guess Lindsey Vonn won't have worry about declining that Trump invitation to the WH after all! Guess \\\\"Lindsey Vonn\\\" won't have worry about declining that Trump invitation to the WH after all! pic.twitter.com/X3TmqZEBcF Bella Donna (@DonnaMLanglais) February 17, 2018 Darrell Standing posted a reminder for Vonn that anyone who spews unwarranted hate for President Trump on social media, doesn't typically fare too well: #TrumpBrokeMe #TrumpCurse pic.twitter.com/HXAY6uVfyT Darrell Standing (@StandingDarrell) February 17, 2018 And then came the memes BREAKING #LindseyVonn CHANGES HER MIND She now WANTS TO VISIT THE @WhiteHouse #MAGA #Olympics #PyeongChang2018 pic.twitter.com/lQf12DJVvx USA OVER PARTY (@michaelbeatty3) February 17, 2018 ESPN writer Julie Foudy came to the defense of Lindsey Vonn, tweeting: I just spent last 20 min's reading thru tweets directed at @lindseyvonn. Sickened & disgusted once again by the lack of humanity that engulfs our country. She just raced her damn heart out & Trump supporters gloat/cheer/celebrate her inability to medal. Is this what we've become? I just spent last 20 min's reading thru tweets directed at @lindseyvonn. Sickened & disgusted once again by the lack of humanity that engulfs our country. She just raced her damn heart out & Trump supporters gloat/cheer/celebrate her inability to medal. Is this what we've become? Julie Foudy (@JulieFoudy) February 17, 2018 Foudy admonished another Twitter user who explained her disappointment in Vonn for making her race about politics: So if an athlete has different political views than you, you are happy they don't medal. This is what I was reading too much of on

twitter. This what we ve become. God help us all. I feel like she is there to represent USA she started it and should have kept politics out of it. She's there to represent ALL Americans, and if I'm not one of them that she can't understand I have different views with I'm super happy she doesn't come home with medal. Michelle Rachford (@Mikki\_Michelle\_) February 17, 2018 Lindsey Vonn responded to Foudy, who again defended Vonn. The only problem is, Vonn forgets that she is the person who started the controversy. She decided to make the race about politics, not President Trump and certainly not his supporters: Vonn tweeted: It s ok Julie. Not everyone has to like me but my family loves me and I sleep well at night. I work hard and try to be the best person I can be. If they don t like me their loss I guess Thank you for the support It s ok Julie. Not everyone has to like me but my family loves me and I sleep well at night. I work hard and try to be the best person I can be. If they don t like me their loss I guess Thank you for the support <https://t.co/EaySJE7QAe> lindsey vonn (@lindseyvonn) February 17, 2018 Foudy responded, still refusing to acknowledge that Vonn was responsible for the firestorm she chose to start I hear you. But the vitriol in our country is everyone's loss. Cheering for an Olympian to fail sent me over the edge. Go kill it on Wednesday sister. <https://t.co/SnsDORwdb2> Julie Foudy (@JulieFoudy) February 17, 2018

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    \"semantic_type\": \"\", \n    \"description\": \"\" \n    }\n    }, \n    {\n    \"column\": \"class\", \n    \"properties\": {\n    \"dtype\": \"number\", \n    \"std\": 0, \n    \"min\": 0, \n    \"max\": 1, \n    \"num_unique_values\": 2, \n    \"samples\": [\n    0, \n    1 \n    ], \n    \"semantic_type\": \"\", \n    \"description\": \"\" \n    }\n    } \n    ] \n    }\", \"type\": \"dataframe\", \"variable_name\": \"data\"}

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

```

text      0
class     0
dtype: int64

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```

def filtering(data):
    text=data.lower()
    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('\\w*d\\w', '', text)
    return text

```

```

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

```

[illegible]