```python
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn.model_selection import train_test_split
from sklearn.metrics import accuracy_score
from sklearn.metrics import classification_report
import re
import string
```

In [ ]: `### Importing the Fake New Dataset`

In [36]: `data_fake = pd.read_csv("D:/Fake News Prediction Dataset/Fake.csv")`

In [ ]: `### Displays first 10 rows in Fake.csv`

In [66]: `data_fake.head(10)`

Out[66]:

	title	text	subject	date	class
0	Donald Trump Sends Out Embarrassing New Year'...	Donald Trump just couldn t wish all Americans ...	News	December 31, 2017	0
1	Drunk Bragging Trump Staffer Started Russian ...	House Intelligence Committee Chairman Devin Nu...	News	December 31, 2017	0
2	Sheriff David Clarke Becomes An Internet Joke...	On Friday, it was revealed that former Milwauk...	News	December 30, 2017	0
3	Trump Is So Obsessed He Even Has Obama's Name...	On Christmas day, Donald Trump announced that ...	News	December 29, 2017	0
4	Pope Francis Just Called Out Donald Trump Dur...	Pope Francis used his annual Christmas Day mes...	News	December 25, 2017	0
5	Racist Alabama Cops Brutalize Black Boy While...	The number of cases of cops brutalizing and ki...	News	December 25, 2017	0
6	Fresh Off The Golf Course, Trump Lashes Out A...	Donald Trump spent a good portion of his day a...	News	December 23, 2017	0
7	Trump Said Some INSANELY Racist Stuff Inside ...	In the wake of yet another court decision that...	News	December 23, 2017	0
8	Former CIA Director Slams Trump Over UN Bully...	Many people have raised the alarm regarding th...	News	December 22, 2017	0
9	WATCH: Brand-New Pro-Trump Ad Features So Muc...	Just when you might have thought we d get a br...	News	December 21, 2017	0

In [ ]: `### Importing the True News Dataset`

In [40]: `data_true=pd.read_csv("D:/Fake News Prediction Dataset/True.csv")`

In [ ]: `### Displays first 10 rows in True.csv`

In [41]: `data_true.head(10)`

Out[41]:

	title	text	subject	date
0	As U.S. budget fight looms, Republicans flip t...	WASHINGTON (Reuters) - The head of a conservat...	politicsNews	December 31, 2017
1	U.S. military to accept transgender recruits o...	WASHINGTON (Reuters) - Transgender people will...	politicsNews	December 29, 2017
2	Senior U.S. Republican senator: 'Let Mr. Muell...	WASHINGTON (Reuters) - The special counsel inv...	politicsNews	December 31, 2017
3	FBI Russia probe helped by Australian diplomat...	WASHINGTON (Reuters) - Trump campaign adviser ...	politicsNews	December 30, 2017
4	Trump wants Postal Service to charge 'much mor...	SEATTLE/WASHINGTON (Reuters) - President Donal...	politicsNews	December 29, 2017
5	White House, Congress prepare for talks on spe...	WEST PALM BEACH, Fla./WASHINGTON (Reuters) - T...	politicsNews	December 29, 2017
6	Trump says Russia probe will be fair, but time...	WEST PALM BEACH, Fla (Reuters) - President Don...	politicsNews	December 29, 2017
7	Factbox: Trump on Twitter (Dec 29) - Approval ...	The following statements were posted to the ve...	politicsNews	December 29, 2017
8	Trump on Twitter (Dec 28) - Global Warming	The following statements were posted to the ve...	politicsNews	December 29, 2017
9	Alabama official to certify Senator-elect Jone...	WASHINGTON (Reuters) - Alabama Secretary of St...	politicsNews	December 28, 2017

In [ ]: `### Adding a column as 0 for fake news and 1 for true news`

In [43]:
```python
data_fake["class"]=0
data_true["class"]=1
```

In [ ]:
```python
### Size of Actual rows and columns
```

In [45]:
```python
print(data_fake.shape,data_true.shape)
```

```
(23523, 5) (21417, 5)
```

In [ ]:
```python
### Removing empty rows
```

In [73]:
```python
data_fake.dropna(inplace=True)
data_true.dropna(inplace=True)
```

In [ ]:
```python
### Size of rows and column after removed the empty rows
```

In [74]:
```python
data_fake.shape,data_true.shape
```

Out[74]: ((23461, 5), (21417, 5))

In [ ]:
```python
### Displaying last 10 rows in both true and fake dataset
```

In [75]:
```python
data_fake_manual_testing=data_fake.tail(10) #fake news
data_fake_manual_testing
```

Out[75]:

	title	text	subject	date	class
23503	REPORT: 'Federal Government Escalated the Viol...	KILLED: Rancher and protest spokesman Robert ...	Middle-east	January 28, 2016	0
23504	BOILER ROOM – Oregon Standoff, Cuddle Parties,...	Tune in to the Alternate Current Radio Network...	Middle-east	January 28, 2016	0
23505	Eyewitness Says Feds Ambushed Bundys, 100 Shot...	Patrick Henningsen 21st Century Wire UPDATE: 1...	Middle-east	January 27, 2016	0
23506	Episode #119 – SUNDAY WIRE: 'You Know the Dril...	Episode #119 of SUNDAY WIRE SHOW finally resum...	Middle-east	January 24, 2016	0
23507	'There'll be boots on the ground': US making n...	21st Century Wire says Various parties in Wash...	Middle-east	January 23, 2016	0
23508	Boston Brakes? How to Hack a New Car With Your...	21st Century Wire says For those who still ref...	Middle-east	January 22, 2016	0
23509	Oregon Governor Says Feds 'Must Act' Against P...	21st Century Wire says So far, after nearly 20...	Middle-east	January 21, 2016	0
23510	Ron Paul on Burns Oregon Standoff and Jury Nul...	21st Century Wire says If you ve been followin...	Middle-east	January 21, 2016	0
23511	BOILER ROOM: As the Frogs Slowly Boil – EP #40	Tune in to the Alternate Current Radio Network...	Middle-east	January 20, 2016	0
23512	Arizona Rancher Protesting in Oregon is Target...	RTOne of the most visible members of the armed...	Middle-east	January 20, 2016	0

```
In [76]: data_true_manual_testing=data_true.tail(10) #true news
         data_true_manual_testing
```

Out[76]:

	title	text	subject	date	class
21407	Mata Pires, owner of embattled Brazil builder ...	SAO PAULO (Reuters) - Cesar Mata Pires, the ow...	worldnews	August 22, 2017	1
21408	U.S., North Korea clash at U.N. forum over nuc...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21409	U.S., North Korea clash at U.N. arms forum on ...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21410	Headless torso could belong to submarine journ...	COPENHAGEN (Reuters) - Danish police said on T...	worldnews	August 22, 2017	1
21411	North Korea shipments to Syria chemical arms a...	UNITED NATIONS (Reuters) - Two North Korean sh...	worldnews	August 21, 2017	1
21412	'Fully committed' NATO backs new U.S. approach...	BRUSSELS (Reuters) - NATO allies on Tuesday we...	worldnews	August 22, 2017	1
21413	LexisNexis withdrew two products from Chinese ...	LONDON (Reuters) - LexisNexis, a provider of l...	worldnews	August 22, 2017	1
21414	Minsk cultural hub becomes haven from authorities	MINSK (Reuters) - In the shadow of disused Sov...	worldnews	August 22, 2017	1
21415	Vatican upbeat on possibility of Pope Francis ...	MOSCOW (Reuters) - Vatican Secretary of State ...	worldnews	August 22, 2017	1
21416	Indonesia to buy $1.14 billion worth of Russia...	JAKARTA (Reuters) - Indonesia will buy 11 Sukh...	worldnews	August 22, 2017	1

```
In [77]: ### Customizing last 10 rows as first 10 rows
```

```
In [78]: data_fake_manual_testing["class"]=0
         data_true_manual_testing["class"]=1
```

```
C:\Users\ROHITH DP\AppData\Local\Temp\ipykernel_6828\1040235159.py:1: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html
#returning-a-view-versus-a-copy (https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#retu
rning-a-view-versus-a-copy)
  data_fake_manual_testing["class"]=0
C:\Users\ROHITH DP\AppData\Local\Temp\ipykernel_6828\1040235159.py:2: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html
#returning-a-view-versus-a-copy (https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#retu
rning-a-view-versus-a-copy)
  data_true_manual_testing["class"]=1
```

```
In [ ]: ### Just Ignore the above warning
```

```
In [79]: ### Now displaying the last 10 rows as first 10 rows using head()
```

In [80]: `data_fake_manual_testing.head(10)`

Out[80]:

	title	text	subject	date	class
23503	REPORT: 'Federal Government Escalated the Viol...	KILLED: Rancher and protest spokesman Robert ...	Middle-east	January 28, 2016	0
23504	BOILER ROOM — Oregon Standoff, Cuddle Parties,...	Tune in to the Alternate Current Radio Network...	Middle-east	January 28, 2016	0
23505	Eyewitness Says Feds Ambushed Bundys, 100 Shot...	Patrick Henningsen 21st Century Wire UPDATE: 1...	Middle-east	January 27, 2016	0
23506	Episode #119 — SUNDAY WIRE: 'You Know the Dril...	Episode #119 of SUNDAY WIRE SHOW finally resum...	Middle-east	January 24, 2016	0
23507	'There'll be boots on the ground': US making n...	21st Century Wire says Various parties in Wash...	Middle-east	January 23, 2016	0
23508	Boston Brakes? How to Hack a New Car With Your...	21st Century Wire says For those who still ref...	Middle-east	January 22, 2016	0
23509	Oregon Governor Says Feds 'Must Act' Against P...	21st Century Wire says So far, after nearly 20...	Middle-east	January 21, 2016	0
23510	Ron Paul on Burns Oregon Standoff and Jury Nul...	21st Century Wire says If you ve been followin...	Middle-east	January 21, 2016	0
23511	BOILER ROOM: As the Frogs Slowly Boil — EP #40	Tune in to the Alternate Current Radio Network...	Middle-east	January 20, 2016	0
23512	Arizona Rancher Protesting in Oregon is Target...	RTOne of the most visible members of the armed...	Middle-east	January 20, 2016	0

In [81]: `data_true_manual_testing.head(10)`

Out[81]:

	title	text	subject	date	class
21407	Mata Pires, owner of embattled Brazil builder ...	SAO PAULO (Reuters) - Cesar Mata Pires, the ow...	worldnews	August 22, 2017	1
21408	U.S., North Korea clash at U.N. forum over nuc...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21409	U.S., North Korea clash at U.N. arms forum on ...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21410	Headless torso could belong to submarine journ...	COPENHAGEN (Reuters) - Danish police said on T...	worldnews	August 22, 2017	1
21411	North Korea shipments to Syria chemical arms a...	UNITED NATIONS (Reuters) - Two North Korean sh...	worldnews	August 21, 2017	1
21412	'Fully committed' NATO backs new U.S. approach...	BRUSSELS (Reuters) - NATO allies on Tuesday we...	worldnews	August 22, 2017	1
21413	LexisNexis withdrew two products from Chinese ...	LONDON (Reuters) - LexisNexis, a provider of l...	worldnews	August 22, 2017	1
21414	Minsk cultural hub becomes haven from authorities	MINSK (Reuters) - In the shadow of disused Sov...	worldnews	August 22, 2017	1
21415	Vatican upbeat on possibility of Pope Francis ...	MOSCOW (Reuters) - Vatican Secretary of State ...	worldnews	August 22, 2017	1
21416	Indonesia to buy $1.14 billion worth of Russia...	JAKARTA (Reuters) - Indonesia will buy 11 Sukh...	worldnews	August 22, 2017	1

In [82]: `### Merging the fake data and true date sets`

In [83]: `data_merge=pd.concat([data_fake,data_true],axis=0)`

In [84]: `data_merge.head(10)`

Out[84]:

	title	text	subject	date	class
0	Donald Trump Sends Out Embarrassing New Year'...	Donald Trump just couldn t wish all Americans ...	News	December 31, 2017	0
1	Drunk Bragging Trump Staffer Started Russian ...	House Intelligence Committee Chairman Devin Nu...	News	December 31, 2017	0
2	Sheriff David Clarke Becomes An Internet Joke...	On Friday, it was revealed that former Milwauk...	News	December 30, 2017	0
3	Trump Is So Obsessed He Even Has Obama's Name...	On Christmas day, Donald Trump announced that ...	News	December 29, 2017	0
4	Pope Francis Just Called Out Donald Trump Dur...	Pope Francis used his annual Christmas Day mes...	News	December 25, 2017	0
5	Racist Alabama Cops Brutalize Black Boy While...	The number of cases of cops brutalizing and ki...	News	December 25, 2017	0
6	Fresh Off The Golf Course, Trump Lashes Out A...	Donald Trump spent a good portion of his day a...	News	December 23, 2017	0
7	Trump Said Some INSANELY Racist Stuff Inside ...	In the wake of yet another court decision that...	News	December 23, 2017	0
8	Former CIA Director Slams Trump Over UN Bully...	Many people have raised the alarm regarding th...	News	December 22, 2017	0
9	WATCH: Brand-New Pro-Trump Ad Features So Muc...	Just when you might have thought we d get a br...	News	December 21, 2017	0

In [85]: `data_merge.tail(10)`

Out[85]:

	title	text	subject	date	class
21407	Mata Pires, owner of embattled Brazil builder ...	SAO PAULO (Reuters) - Cesar Mata Pires, the ow...	worldnews	August 22, 2017	1
21408	U.S., North Korea clash at U.N. forum over nuc...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21409	U.S., North Korea clash at U.N. arms forum on ...	GENEVA (Reuters) - North Korea and the United ...	worldnews	August 22, 2017	1
21410	Headless torso could belong to submarine journ...	COPENHAGEN (Reuters) - Danish police said on T...	worldnews	August 22, 2017	1
21411	North Korea shipments to Syria chemical arms a...	UNITED NATIONS (Reuters) - Two North Korean sh...	worldnews	August 21, 2017	1
21412	'Fully committed' NATO backs new U.S. approach...	BRUSSELS (Reuters) - NATO allies on Tuesday we...	worldnews	August 22, 2017	1
21413	LexisNexis withdrew two products from Chinese ...	LONDON (Reuters) - LexisNexis, a provider of l...	worldnews	August 22, 2017	1
21414	Minsk cultural hub becomes haven from authorities	MINSK (Reuters) - In the shadow of disused Sov...	worldnews	August 22, 2017	1
21415	Vatican upbeat on possibility of Pope Francis ...	MOSCOW (Reuters) - Vatican Secretary of State ...	worldnews	August 22, 2017	1
21416	Indonesia to buy $1.14 billion worth of Russia...	JAKARTA (Reuters) - Indonesia will buy 11 Sukh...	worldnews	August 22, 2017	1

In [86]: `### After merging the fake and true news , Checking the size of rows`

In [87]: `data_merge.shape`

Out[87]: `(44878, 5)`

In [88]: `### Displaying the name of the columns`

In [89]: `data_merge.columns`

Out[89]: `Index(['title', 'text', 'subject', 'date', 'class'], dtype='object')`

In [ ]: `### remove columns which are not required for the further process`

In [90]: `data=data_merge.drop(['title','subject','date'],axis=1)`

In [91]:
```python
data.head(10)
```

Out[91]:

	text	class
0	Donald Trump just couldn t wish all Americans ...	0
1	House Intelligence Committee Chairman Devin Nu...	0
2	On Friday, it was revealed that former Milwauk...	0
3	On Christmas day, Donald Trump announced that ...	0
4	Pope Francis used his annual Christmas Day mes...	0
5	The number of cases of cops brutalizing and ki...	0
6	Donald Trump spent a good portion of his day a...	0
7	In the wake of yet another court decision that...	0
8	Many people have raised the alarm regarding th...	0
9	Just when you might have thought we d get a br...	0

In [92]:
```python
### Checking null values
```

In [93]:
```python
data.isnull().sum()
```

Out[93]:
```
text     0
class    0
dtype: int64
```

In [94]:
```python
### Shuffle the data
```

In [103]:
```python
data=data.sample(frac=1)
```

In [104]:
```python
data.head(10)
```

Out[104]:

	index	text	class
8676	8676	The British Parliament conducted what can only...	0
40679	17218	WASHINGTON (Reuters) - The U.S. military said ...	1
10121	10123	Here s a partial transcript of her rant about ...	0
11044	11046	Melanija Knavs-Trump was born on April 26, 197...	0
39642	16181	BAGHDAD (Reuters) - Demonstrators, some carryi...	1
17699	17705	Is this just one more case of an activist judg...	0
5142	5142	On Sunday, Iran executed a nuclear scientist f...	0
18635	18643	Tim Allen s hit sitcom Last Man Standing has...	0
16540	16546	Don t think for a minute this union-style Blac...	0
34787	11326	TUNIS (Reuters) - The number of foreign touris...	1

In [109]:
```python
### Deleting the index column
```

In [110]:
```python
data.drop(['index',],axis=1,inplace=True)
```

In [111]:
```python
data.columns
```

Out[111]:
```
Index(['level_0', 'text', 'class'], dtype='object')
```

In [112]:
```python
### Deleting the level_0 column
```

In [113]:
```python
data.drop(['level_0'],axis=1,inplace=True)
```

In [114]:
```python
data.columns
```

Out[114]:
```
Index(['text', 'class'], dtype='object')
```

In [115]:
```python
data.head(10)
```

Out[115]:

	text	class
0	The British Parliament conducted what can only...	0
1	WASHINGTON (Reuters) - The U.S. military said ...	1
2	Here s a partial transcript of her rant about ...	0
3	Melanija Knavs-Trump was born on April 26, 197...	0
4	BAGHDAD (Reuters) - Demonstrators, some carryi...	1
5	Is this just one more case of an activist judg...	0
6	On Sunday, Iran executed a nuclear scientist f...	0
7	Tim Allen s hit sitcom Last Man Standing has...	0
8	Don t think for a minute this union-style Blac...	0
9	TUNIS (Reuters) - The number of foreign touris...	1

In [ ]:
```python
### importinf re
```

In [116]:
```python
def wordopt(text):
    text=text.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('\n','',text)
    text=re.sub('\w"\d\w"','',text)
    return text
```

In [117]:
```python
data['text']=data['text'].apply(wordopt)
```

In [118]:
```python
x=data['text']
y=data['class']
```

In [120]:
```python
x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=0.25)
```

In [ ]:
```python
### TfidfVectorizer
```

In [128]:
```python
from sklearn.feature_extraction.text import TfidfVectorizer

vectorization=TfidfVectorizer()
xv_train=vectorization.fit_transform(x_train)
xv_test=vectorization.transform(x_test)
```

In [130]:
```python
xv_train
```

Out[130]:
```
<33658x107982 sparse matrix of type '<class 'numpy.float64'>'
        with 7028492 stored elements in Compressed Sparse Row format>
```

In [132]:
```python
xv_test
```

Out[132]:
```
<11220x107982 sparse matrix of type '<class 'numpy.float64'>'
        with 2304456 stored elements in Compressed Sparse Row format>
```

In [ ]:
```python
### Logistic Regression
```

In [129]:
```python
from sklearn.linear_model import LogisticRegression

LR=LogisticRegression()
LR.fit(xv_train,y_train)
```

Out[129]:

▾ LogisticRegression

LogisticRegression()

In [136]:
```python
pred_lr=LR.predict(xv_test)
```

In [134]: `LR.score(xv_test,y_test) #Accuracy`

Out[134]: 0.9869875222816399

In [137]:
```python
print(classification_report(y_test,pred_lr))
```

```
              precision    recall  f1-score   support

           0       0.99      0.99      0.99      5850
           1       0.98      0.99      0.99      5370

    accuracy                           0.99     11220
   macro avg       0.99      0.99      0.99     11220
weighted avg       0.99      0.99      0.99     11220
```

In [138]: `### DecisionTreeClassifier`

In [139]:
```python
from sklearn.tree import DecisionTreeClassifier
```

In [142]: `DTC=DecisionTreeClassifier()`

In [143]: `DTC.fit(xv_train,y_train)`

Out[143]:
```
▾ DecisionTreeClassifier
DecisionTreeClassifier()
```

In [144]: `pred_dtc=DTC.predict(xv_test)`

In [145]: `DTC.score(xv_test,y_test) #Accuracy`

Out[145]: 0.9945632798573975

In [146]:
```python
print(classification_report(y_test,pred_dtc))
```

```
              precision    recall  f1-score   support

           0       0.99      1.00      0.99      5850
           1       0.99      0.99      0.99      5370

    accuracy                           0.99     11220
   macro avg       0.99      0.99      0.99     11220
weighted avg       0.99      0.99      0.99     11220
```

In [147]: `### Random Forest Classifier`

In [153]:
```python
from sklearn.ensemble import RandomForestClassifier
RFC=RandomForestClassifier()
```

In [154]: `RFC.fit(xv_train,y_train)`

Out[154]:
```
▾ RandomForestClassifier
RandomForestClassifier()
```

In [155]: `pred_rfc=RFC.predict(xv_test)`

In [156]: `RFC.score(xv_test,y_test) #Accuracy`

Out[156]: 0.9887700534759358

In [157]:
```python
print(classification_report(y_test,pred_rfc))
```

```
              precision    recall  f1-score   support

           0       0.99      0.99      0.99      5850
           1       0.99      0.99      0.99      5370

    accuracy                           0.99     11220
   macro avg       0.99      0.99      0.99     11220
weighted avg       0.99      0.99      0.99     11220
```

In [161]:
```python
def output_label(n):
    if n==0:
        return "Fake News"
    elif n==1:
        return "Not a Fake News"

def manual_testing(news):
    testing_news={"text":[news]}
    new_def_test=pd.DataFrame(testing_news)
    new_def_test["text"] = new_def_test["text"].apply(wordopt)
    new_x_test=new_def_test["text"]
    new_xv_test=vectorization.transform(new_x_test)
    pred_lr=LR.predict(new_xv_test)
    pred_dtc=DTC.predict(new_xv_test)
    pred_rfc=RFC.predict(new_xv_test)

    return print("\n\nLR Prediction: {} \nDTC Prediction: {} \nRFC Prediction {}".format(output_label(pred_l
                                                    output_label(pred_dtc[0]),
                                                            output_label(pred_rf
```

In [ ]:
```python
### Now the news is detected whether it is a Fake or Not fake.
```

In [163]:
```python
news=str(input())
manual_testing(news)
```

"Google Pinterest Digg Linkedin Reddit Stumbleupon Print Delicious Pocket Tumblr There are two fundamental truths in this world: Paul Ryan desperately wants to be president. And Paul Ryan will never be president. Today proved it. In a particularly staggering example of political cowardice, Paul Ryan re-re-re-reversed course and announced that he was back on the Trump Train after all. This was an aboutface from where he was a few weeks ago. He had previously declared he would not be supporting or defending Trump after a tape was made public in which Trump bragged about assaulting women. Suddenly, Ryan was appearing at a pro-Trump rally and boldly declaring that he already sent in his vote to make him President of the United States. It was a surreal moment. The figurehead of the Republican Party dosed himself in gasoline, got up on a stage on a chilly afternoon in Wisconsin, and lit a match. . @SpeakerRyan says he voted for @realDonaldTrump : â€œRepublicans, it is time to come homeâ€ https://t.co/VyTT49YvoE (https://t.co/VyTT49YvoE) pic.twitter.com/wCvSCg4a5I â€" ABC News Politics (@ABCPolitics) November 5, 2016 The Democratic Party couldnâ€™t have asked for a better moment of film. Ryanâ€™s chances of ever becoming president went down to zero in an instant. In the wreckage Trump is to leave behind in his wake, those who cravenly backed his campaign will not recover. If Ryanâ€™s career manages to limp all the way to 2020, then the DNC will have this tape locked and loaded to be used in every ad until Election Day. The ringing endorsement of the man he clearly hates on a personal level speaks volumes about his own spinelessness. Ryan has postured himself as a â€œprincipledâ€ conservative, and one uncomfortable with Trumpâ€™s unapologetic bigotry and sexism. However, when push came to shove, Paul Ryan â€" like many of his colleagues â€" turned into a sniveling appeaser. After all his lofty talk about conviction, his principles were a house of cards and collapsed with the slightest breeze. Whatâ€™s especially bizarre is how close Ryan came to making it through unscathed. For months the Speaker of the House refused to comment on Trump at all. His strategy seemed to be to keep his head down, pretend Trump didnâ€™t exist, and hope that nobody remembered what happened in 2016. Now, just days away from the election, he screwed it all up. If 2016â€™s very ugly election has done any good itâ€™s by exposing the utter cowardice of the Republicans who once feigned moral courage. A reality television star spit on them, hijacked their party, insulted their wives, and got every last one of them to kneel before him. What a turn of events. Featured image via Twitter"

LR Prediction: Fake News
DTC Prediction: Fake News
RFC Prediction Fake News

In [164]:
```python
news=str(input())
manual_testing(news)
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WASHINGTON (Reuters) - U.S. President Donald Trump on Saturday defended a Republican tax-cut plan against D
emocratic charges that it favors the rich, saying it will be â€œone of the great Christmas giftsâ€ for the
middle class with just days to go before Congress votes. With a vote on the biggest tax rewrite in three de
cades set for Tuesday, Republicans were working to ensure party members were holding the line in favor of t
he legislation against entrenched Democratic opposition. The plan was finalized on Friday after Republican
Senators Marco Rubio and Bob Corker pledged their support. Three Republican senators, enough to defeat the
measure in a Senate that Trumpâ€™s party controls with a slim 52-48 majority, remained uncommitted: Susan C
ollins, Jeff Flake and Mike Lee. Passage in Congress would provide Republicans and Trump with their first m
ajor victory since he took office in January. â€œItâ€™s going to be one of the great Christmas gifts to mid
dle-income people,â€ Trump told reporters at the White House before he boarded a helicopter for meetings a
t Camp David. â€œThe Democrats have their sound bite, the standard sound bite before they even know what th
e bill is all about,â€ he added. The proposed package would slash the U.S. corporate tax rate to 21 percen
t and cut taxes for wealthy Americans. Under an agreement between the House of Representatives and the Sena
te, the corporate tax would be 1 percentage point higher than the 20 percent rate earlier proposed, but sti
ll far below the current headline rate of 35 percent, a deep tax reduction that corporations have sought fo
r years. Democrats have slammed the plan as a giveaway to corporations and the rich that would drive up the
federal deficit. For months, Trump has touted the bill as a middle-class tax cut. Studies from independent
analysts and non-partisan congressional researchers have projected that corporations and the rich would ben
efit disproportionately. Trump repeated on Saturday that the tax overhaul would help bring in $4 trillion i
n foreign profits from U.S. companies. The tax plan proposes new rules for repatriating cash held overseas.
â€œThis is going to bring money in. As an example, we think $4 trillion is going to be flowing back into th
e country,â€ he said. â€œThatâ€™s money thatâ€™s overseas thatâ€™sÂ stuck there for years and years.â€

LR Prediction: Not a Fake News
DTC Prediction: Not a Fake News
RFC Prediction Not a Fake News

In [ ]: