In [2]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
print(d)
```

```
      Unnamed: 0                                              title  \
0           8476                           You Can Smell Hillary's Fear
1          10294   Watch The Exact Moment Paul Ryan Committed Pol...
2           3608          Kerry to go to Paris in gesture of sympathy
3          10142   Bernie supporters on Twitter erupt in anger ag...
4            875     The Battle of New York: Why This Primary Matters
...          ...                                                ...
6330        4490   State Department says it can't find emails fro...
6331        8062   The 'P' in PBS Should Stand for 'Plutocratic' ...
6332        8622   Anti-Trump Protesters Are Tools of the Oligarc...
6333        4021   In Ethiopia, Obama seeks progress on peace, se...
6334        4330   Jeb Bush Is Suddenly Attacking Trump. Here's W...

                                                   text label
0     Daniel Greenfield, a Shillman Journalism Fello...  FAKE
1     Google Pinterest Digg Linkedin Reddit Stumbleu...  FAKE
2     U.S. Secretary of State John F. Kerry said Mon...  REAL
3     — Kaydee King (@KaydeeKing) November 9, 2016 T...  FAKE
4     It's primary day in New York and front-runners...  REAL
...                                                 ...   ...
6330  The State Department told the Republican Natio...  REAL
6331  The 'P' in PBS Should Stand for 'Plutocratic' ...  FAKE
6332   Anti-Trump Protesters Are Tools of the Oligar...  FAKE
6333  ADDIS ABABA, Ethiopia —President Obama convene...  REAL
6334  Jeb Bush Is Suddenly Attacking Trump. Here's W...  REAL

[6335 rows x 4 columns]
```

In [3]:
```python
d.tail()
```

Out[3]:

	Unnamed: 0	title	text	label
6330	4490	State Department says it can't find emails fro...	The State Department told the Republican Natio...	REAL
6331	8062	The 'P' in PBS Should Stand for 'Plutocratic' ...	The 'P' in PBS Should Stand for 'Plutocratic' ...	FAKE
6332	8622	Anti-Trump Protesters Are Tools of the Oligarc...	Anti-Trump Protesters Are Tools of the Oligar...	FAKE
6333	4021	In Ethiopia, Obama seeks progress on peace, se...	ADDIS ABABA, Ethiopia —President Obama convene...	REAL
6334	4330	Jeb Bush Is Suddenly Attacking Trump. Here's W...	Jeb Bush Is Suddenly Attacking Trump. Here's W...	REAL

In [7]:
```python
labels=d.label
labels.head()
```

```
Out[7]:   0     FAKE
          1     FAKE
          2     REAL
          3     FAKE
          4     REAL
          Name: label, dtype: object
```

In [7]:
```
d.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6335 entries, 0 to 6334
Data columns (total 4 columns):
 #   Column      Non-Null Count  Dtype
---  ------      --------------  -----
 0   Unnamed: 0  6335 non-null   int64
 1   title       6335 non-null   object
 2   text        6335 non-null   object
 3   label       6335 non-null   object
dtypes: int64(1), object(3)
memory usage: 198.1+ KB
```

In [5]:
```
d.shape
```

Out[5]:
```
(6335, 4)
```

In [8]:
```
d.describe()
```

Out[8]:

	Unnamed: 0
count	6335.000000
mean	5280.415627
std	3038.503953
min	2.000000
25%	2674.500000
50%	5271.000000
75%	7901.000000
max	10557.000000

In [10]:
```
print(pd.options.display.max_rows)
```

```
60
```

In [13]:
```
print(d.loc[0])
```

```
Unnamed: 0                                                 8476
title                             You Can Smell Hillary's Fear
text          Daniel Greenfield, a Shillman Journalism Fello...
label                                                      FAKE
Name: 0, dtype: object
```

In [3]:
```
import pandas as pd
d=pd.read_csv('news.csv')
d.columns
```

Out[3]:   Index(['Unnamed: 0', 'title', 'text', 'label'], dtype='object')

In [7]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
print(d.corr())
```

```
               Unnamed: 0
Unnamed: 0            1.0
```

In [6]:
```python
rows=[]
for row in csvreader:
        rows.append(row)
rows
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Input In [6], in <cell line: 2>()
      1 rows=[]
----> 2 for row in csvreader:
      3         rows.append(row)
      4 rows

NameError: name 'csvreader' is not defined
```

In [7]:   `d.title`

Out[7]:
```
0                         You Can Smell Hillary's Fear
1        Watch The Exact Moment Paul Ryan Committed Pol...
2                Kerry to go to Paris in gesture of sympathy
3        Bernie supporters on Twitter erupt in anger ag...
4          The Battle of New York: Why This Primary Matters
                               ...
6330    State Department says it can't find emails fro...
6331    The 'P' in PBS Should Stand for 'Plutocratic' ...
6332    Anti-Trump Protesters Are Tools of the Oligarc...
6333    In Ethiopia, Obama seeks progress on peace, se...
6334    Jeb Bush Is Suddenly Attacking Trump. Here's W...
Name: title, Length: 6335, dtype: object
```

In [8]:   `d.text`

Out[8]:
```
0        Daniel Greenfield, a Shillman Journalism Fello...
1        Google Pinterest Digg Linkedin Reddit Stumbleu...
2        U.S. Secretary of State John F. Kerry said Mon...
3        — Kaydee King (@KaydeeKing) November 9, 2016 T...
4        It's primary day in New York and front-runners...
                               ...
6330    The State Department told the Republican Natio...
6331    The 'P' in PBS Should Stand for 'Plutocratic' ...
6332     Anti-Trump Protesters Are Tools of the Oligar...
6333    ADDIS ABABA, Ethiopia —President Obama convene...
6334    Jeb Bush Is Suddenly Attacking Trump. Here's W...
Name: text, Length: 6335, dtype: object
```

In [9]:   `d.head(1000)`

Out[9]:

	Unnamed: 0	title	text	label
0	8476	You Can Smell Hillary's Fear	Daniel Greenfield, a Shillman Journalism Fello...	FAKE
1	10294	Watch The Exact Moment Paul Ryan Committed Pol...	Google Pinterest Digg Linkedin Reddit Stumbleu...	FAKE
2	3608	Kerry to go to Paris in gesture of sympathy	U.S. Secretary of State John F. Kerry said Mon...	REAL
3	10142	Bernie supporters on Twitter erupt in anger ag...	— Kaydee King (@KaydeeKing) November 9, 2016 T...	FAKE
4	875	The Battle of New York: Why This Primary Matters	It's primary day in New York and front-runners...	REAL
...	...	...	...	...
995	8473	Clintons Are Under Multiple FBI Investigations...	Clintons Are Under Multiple FBI Investigations...	FAKE
996	5606	First Iraqi Troops Enter Mosul, But Fighting R...	Military: Goal Is to 'Liberate' Eastern Bank o...	FAKE
997	5753	SHOCK VIDEO : Hillary Needs Help Climbing ONE ...	SHOCK VIDEO : Hillary Needs Help Climbing ONE ...	FAKE
998	2775	After vowing to end two wars, Obama may leave ...	President Obama's decision to expand the U.S. ...	REAL
999	10085	Climate Engineering And Cryosphere Collapse	geoengineeringwatch.org \nGlobal climate engin...	FAKE

1000 rows × 4 columns

In [11]:
```python
print(d.loc[10])
```

```
Unnamed: 0                                          1357
title          With all three Clintons in Iowa, a glimpse at ...
text           CEDAR RAPIDS, Iowa — "I had one of the most wo...
label                                               REAL
Name: 10, dtype: object
```

In [3]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
d.info("title")
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6335 entries, 0 to 6334
Data columns (total 4 columns):
 #   Column      Non-Null Count  Dtype
---  ------      --------------  -----
 0   Unnamed: 0  6335 non-null   int64
 1   title       6335 non-null   object
 2   text        6335 non-null   object
 3   label       6335 non-null   object
dtypes: int64(1), object(3)
memory usage: 198.1+ KB
```

In [5]:
```python
import pandas as pd
```

```
d=pd.read_csv('news.csv')
d.describe()
```

Out[5]:

	Unnamed: 0
count	6335.000000
mean	5280.415627
std	3038.503953
min	2.000000
25%	2674.500000
50%	5271.000000
75%	7901.000000
max	10557.000000

In [8]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
print(d.loc[6000])
```

```
Unnamed: 0                                      7614
title          Globalization Expressway to Universal Slavery
text           If humans were largely moral and ethical being...
label                                           FAKE
Name: 6000, dtype: object
```

In [12]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
print(d.loc[0])
```

```
Unnamed: 0                                      8476
title                       You Can Smell Hillary's Fear
text           Daniel Greenfield, a Shillman Journalism Fello...
label                                           FAKE
Name: 0, dtype: object
```

In [14]:
```python
import pandas as pd
d=pd.read_csv('news.csv')
d.head(6000)
```

Out[14]:

	Unnamed: 0	title	text	label
0	8476	You Can Smell Hillary's Fear	Daniel Greenfield, a Shillman Journalism Fello...	FAKE
1	10294	Watch The Exact Moment Paul Ryan Committed Pol...	Google Pinterest Digg Linkedin Reddit Stumbleu...	FAKE
2	3608	Kerry to go to Paris in gesture of sympathy	U.S. Secretary of State John F. Kerry said Mon...	REAL
3	10142	Bernie supporters on Twitter erupt in anger ag...	— Kaydee King (@KaydeeKing) November 9, 2016 T...	FAKE
4	875	The Battle of New York: Why This Primary Matters	It's primary day in New York and front-runners...	REAL
...	...	...	...	...
5995	5166	Evangelicals Sing a New Tune on Trump: 'Meetin...	NEW YORK -- Donald Trump seemed to help his ca...	REAL
5996	4290	This is how Ted Cruz wins: Why the formerly un...	When Ted Cruz came to the Senate in 2013, afte...	REAL
5997	9919	Disgraced Hedge Fund Manager Focuses on Aiding...	Disgraced Hedge Fund Manager Focuses on Aidi...	FAKE
5998	9691	Evidence Reveals Possible Link Between Voting ...	Videos Evidence Reveals Possible Link Between ...	FAKE
5999	4336	Macy's is the latest to cut ties with Donald T...	WASHINGTON — Macy's said Wednesday that the Tr...	REAL

6000 rows × 4 columns

In [ ]: THANKS `for` WATCHING SIR