

In [1]: `!pip install pandas`

Requirement already satisfied: pandas in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (2.0.3)
 Requirement already satisfied: python-dateutil>=2.8.2 in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (from pandas) (2.8.2)
 Requirement already satisfied: pytz>=2020.1 in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (from pandas) (2023.3.post1)
 Requirement already satisfied: tzdata>=2022.1 in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (from pandas) (2023.3)
 Requirement already satisfied: numpy>=1.21.0 in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (from pandas) (1.24.3)
 Requirement already satisfied: six>=1.5 in c:\users\vaishnavi jangam\anaconda3\lib\site-packages (from python-dateutil>=2.8.2->pandas) (1.16.0)

In [2]: `import pandas as pd`

In [6]: `df=pd.read_csv(r"C:\Users\Vaishnavi Jangam\Desktop\LokSabha_Election_2024_Tweets.csv")`

In [5]: `df.describe()`

Out[5]:

| | No_of_likes | No_of_comments |
|--------------|--------------|----------------|
| count | 1000.000000 | 1000.000000 |
| mean | 440.218000 | 33.603000 |
| std | 2248.968202 | 301.61759 |
| min | 0.000000 | 0.000000 |
| 25% | 0.000000 | 0.000000 |
| 50% | 2.500000 | 0.000000 |
| 75% | 59.250000 | 3.000000 |
| max | 46418.000000 | 6022.000000 |

In [8]: `df.describe(include='all')`

Out[8]:

| | link | text | date | No_of_likes | No_of_co |
|--------|---|---|---|--------------|----------|
| count | 1000 | 995 | 1000 | 1000.000000 | 10 |
| unique | 1000 | 948 | 663 | NaN | |
| top | https://twitter.com/Politics_2022_/status/1739... | #NayaJammuKashmir Many people living in Kashmi... | Dec 25, 2023 · 12:28 PM UTC | NaN | |
| freq | 1 | 7 | 7 | NaN | |
| mean | NaN | NaN | NaN | 440.218000 | |
| std | NaN | NaN | NaN | 2248.968202 | 3 |
| min | NaN | NaN | NaN | 0.000000 | |
| 25% | NaN | NaN | NaN | 0.000000 | |
| 50% | NaN | NaN | NaN | 2.500000 | |
| 75% | NaN | NaN | NaN | 59.250000 | |
| max | NaN | NaN | NaN | 46418.000000 | 60 |



```
In [10]: df.head(n=9)
```



Out[10]:

| | link | text | date | No_of_likes | No_of_comments |
|---|---|--|-----------------------------|-------------|----------------|
| 0 | https://twitter.com/Politics_2022_/status/1739... | South India 2024 Lok Sabha Opinion Poll 132 sea... | Dec 25, 2023 . 12:05 PM UTC | 324 | 27 |
| 1 | https://twitter.com/LokmatTimes_ngp/status/173... | Veteran actor Nana Patekar says, "There is no ... | Dec 25, 2023 . 1:00 PM UTC | 0 | 0 |
| 2 | https://twitter.com/Politics_2022_/status/1739... | South India BJP 2019 Lok Sabha Karnataka 25 Tel... | Dec 25, 2023 . 12:21 PM UTC | 142 | 18 |
| 3 | https://twitter.com/rohanayak/status/173926994... | Issh baar 357 seats in Lok Sabha election. | Dec 25, 2023 . 1:00 PM UTC | 0 | 0 |
| 4 | https://twitter.com/BellamSwathi/status/173919... | Total number of times MMS won his own lok sabh... | Dec 25, 2023 . 8:19 AM UTC | 589 | 80 |
| 5 | https://twitter.com/sreeramjvc/status/17392244... | Let's deliver Tenkasi Lok Sabha seat to streng... | Dec 25, 2023 . 10:00 AM UTC | 307 | 5 |
| 6 | https://twitter.com/SurrbhiM/status/1739200950... | "NDA alliance will break before the Lok Sabha)... | Dec 25, 2023 . 8:26 AM UTC | 698 | 84 |
| 7 | https://twitter.com/Politics_2022_/status/1739... | I am not unhappy or upset with anyone, my part... | Dec 25, 2023 . 8:47 AM UTC | 882 | 49 |

| | link | text | date | No_of_likes | No_of_comments |
|---|---|---|--------------------------|-------------|----------------|
| 8 | https://twitter.com/MeghUpdates/status/1739212... | No Alternative to BJP. They will easily get 35... | Dec 25, 2023 9:14 AM UTC | 4950 | 43 |

```
In [11]: df.tail(n=9)
```

Out[11]:

| | link | text | date | No_of_likes | No_of_comments |
|-----|---|--|-----------------------------|-------------|----------------|
| 991 | https://twitter.com/dehal_ranvir/status/173883... | Tactical retreats for strategic gains Sanja... | Dec 24, 2023 · 8:24 AM UTC | 124 | 9 |
| 992 | https://twitter.com/DearthOfSid/status/1738149... | This is India's Lok Sabha now. Mother of democ... | Dec 22, 2023 · 10:49 AM UTC | 3458 | 19 |
| 993 | https://twitter.com/SobhanaNair/status/1739097... | Kharge has adopted a lame-duck approach toward... | Dec 25, 2023 · 1:35 AM UTC | 7 | 0 |
| 994 | https://twitter.com/M0NUSu007/status/173714274... |  No  Who loves Indian army IN never pass witho... | Dec 19, 2023 · 4:07 PM UTC | 72 | 4 |
| 995 | https://twitter.com/navaneethreddym/status/173... | He will make sure Congress puts a dummy candid... | Dec 25, 2023 · 3:03 AM UTC | 4 | 1 |
| 996 | https://twitter.com/amitdubey1236/status/17391... | This ll reverse, because TMC is facing huge an... | Dec 25, 2023 · 3:03 AM UTC | 1 | 0 |
| 997 | https://twitter.com/hm5566859611444/status/173... | Sabseh kathin yatra I.N.D.I. ALLIANCE meh Akhi... | Dec 25, 2023 · 3:01 AM UTC | 0 | 0 |
| 998 | https://twitter.com/imvivekmahaR/status/173911... | Bhai tumhari inhi harkato ki | Dec 25, 2023 · 3:00 | 0 | 0 |

| | link | text | date | No_of_likes | No_of_comments |
|-----|---|--|---|-------------|----------------|
| | | vjh se Pilot saab... | AM UTC | | |
| 999 | https://twitter.com/letsspeak4india/status/173... | Very well said, when a leader couldnt win an e... | Dec 25, 2023 · 2:59 AM UTC | 1 | 0 |

```
In [13]: df.shape
```

Out[13]: (1000, 5)

```
In [14]: df.dtypes
```

Out[14]: link object
text object
date object
No_of_likes int64
No_of_comments int64
dtype: object

```
In [15]: df.index
```

Out[15]: RangeIndex(start=0, stop=1000, step=1)

```
In [16]: df.columns
```

Out[16]: Index(['link', 'text', 'date', 'No_of_likes', 'No_of_comments'], dtype='object')

```
In [17]: df.columns.values
```

Out[17]: array(['link', 'text', 'date', 'No_of_likes', 'No_of_comments'],
dtype=object)

```
In [25]: df.iloc[:6, :]
```

Out[25]:

| | link | text | date | No_of_likes | No_of_comments |
|---|---|---|-----------------------------|-------------|----------------|
| 0 | https://twitter.com/Politics_2022_/status/1739... | South India 2024 Loksabha Opinion Poll 132 sea... | Dec 25, 2023 · 12:05 PM UTC | 324 | 27 |
| 1 | https://twitter.com/LokmatTimes_ngp/status/173... | Veteran actor Nana Patekar says, "There is no ... | Dec 25, 2023 · 1:00 PM UTC | 0 | 0 |
| 2 | https://twitter.com/Politics_2022_/status/1739... | South India BJP 2019 Loksabha Karnataka 25 Tel... | Dec 25, 2023 · 12:21 PM UTC | 142 | 18 |
| 3 | https://twitter.com/rohanayak/status/173926994... | Issh baar 357 seats in Loksabha election. | Dec 25, 2023 · 1:00 PM UTC | 0 | 0 |
| 4 | https://twitter.com/BellamSwathi/status/173919... | Total number of times MMS won his own lok sabh... | Dec 25, 2023 · 8:19 AM UTC | 589 | 80 |
| 5 | https://twitter.com/sreeramjvc/status/17392244... | Let's deliver Tenkasi Lok Sabha seat to streng... | Dec 25, 2023 · 10:00 AM UTC | 307 | 5 |

In [24]: df.iloc[:,6]

Out[24]:

| | | link | text | date | No_of_likes | No_of_comments |
|-----|---|------|--|--------------------------------|-------------|----------------|
| 0 | https://twitter.com/Politics_2022_/status/1739... | | South India 2024 Loksabha Opinion Poll 132 sea... | Dec 25, 2023 · 12:05 PM UTC | 324 | 27 |
| 1 | https://twitter.com/LokmatTimes_ngp/status/173... | | Veteran actor Nana Patekar says, "There is no ... | Dec 25, 2023 · 1:00 PM UTC | 0 | 0 |
| 2 | https://twitter.com/Politics_2022_/status/1739... | | South India BJP 2019 Loksabha Karnataka 25 Tel... | Dec 25, 2023 · 12:21 PM UTC | 142 | 18 |
| 3 | https://twitter.com/rohanayak/status/173926994... | | Issh baar 357 seats in Loksabha election. | Dec 25, 2023 · 1:00 PM UTC | 0 | 0 |
| 4 | https://twitter.com/BellamSwathi/status/173919... | | Total number of times MMS won his own lok sabh... | Dec 25, 2023 · 8:19 AM UTC | 589 | 80 |
| ... | | ... | ... | ... | ... | ... |
| 995 | https://twitter.com/navaneethreddym/status/173... | | He will make sure Congress puts a dummy candid... | Dec 25, 2023 · 3:03 AM UTC | 4 | 1 |
| 996 | https://twitter.com/amitdubey1236/status/17391... | | This ll reverse, because TMC is facing huge an... | Dec 25, 2023 · 3:03 AM UTC | 1 | 0 |
| 997 | https://twitter.com/hm5566859611444/status/173... | | Sabseh kathin yatra I.N.D.I. ALLIANCE | Dec 25, 2023 · 3:01 | 0 | 0 |

| | | link | text | date | No_of_likes | No_of_comments |
|-----|---|------|---|---|-------------|----------------|
| | | | meh Akhi... | AM UTC | | |
| 998 | https://twitter.com/imvivekmahaR/status/173911... | | Bhai tumhari inhi harkato ki vjh se Pilot saab... | Dec 25, 2023 3:00 AM UTC | 0 | 0 |
| 999 | https://twitter.com/letsspeak4india/status/173... | | Very well said, when a leader couldnt win an e... | Dec 25, 2023 2:59 AM UTC | 1 | 0 |

1000 rows x 5 columns