

pandas 587

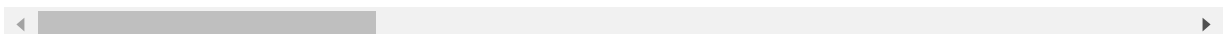
```
In [ ]: 1 import pandas as pd
```

```
In [1]: 1 df=pd.read_csv("https://raw.githubusercontent.com/singhrau0/Big-Data-Prepr
2 df
```

```
Out[1]:
```

	video_id	trending_date	title	channel_title	category_id	publish_time
0	m8Dqg8iz5Fo	18.09.05	MY INSTAGRAM FOLLOWERS PICK MY FULL FACE OF MA...	Sylvia Gani	26	2018-04 30T00:18:19.000Z
1	2yCp-Dj5-7c	17.16.12	Does Tiffany Haddish Think NeNe Leakes Is Funn...	Watch What Happens Live with Andy Cohen	24	2017-12 11T04:29:53.000Z
2	H00djJq68VE	17.27.12	Panettone (Italian Christmas Bread) - Food Wishes	Food Wishes	26	2017-12 23T00:07:02.000Z
3	oTObwUiXdYY	17.19.11	7.3 Magnitude Earthquake Along Iraq- Iran Borda...	TIME	25	2017-11 13T15:44:35.000Z
4	yvicqMrAHvQ	18.05.02	Turkish Airlines - 5 Senses with Dr. Oz	Turkish Airlines	19	2018-02 04T23:55:21.000Z
...
4995	bqFjyo7l8fY	18.01.03	Red Velvet 레 드벨벳 '봐 (Look)' Dance Practice	SMTOWN	10	2018-02 22T03:00:00.000Z
4996	K0u_kAWLJOA	18.25.01	God of War – Story Trailer PS4	PlayStation	20	2018-01 23T16:00:02.000Z
4997	XGd1dq1BatM	18.19.03	Halsey - Alone (Audio) ft. Big Sean, Stefflon Don	HalseyVEVO	10	2018-03 15T22:00:01.000Z
4998	vGTTSdrV37U	18.04.04	Camila Cabello WINS Favorite Breakout Artist 🎤 ...	Nickelodeon	24	2018-03 25T01:22:15.000Z
4999	DkeiKbqa02g	18.22.05	Calvin Harris, Dua Lipa - One Kiss (Official V...	CalvinHarrisVEVO	10	2018-05 02T23:01:00.000Z

5000 rows × 17 columns



In [5]: 1 df[df['title'].str.contains("INSTAGRAM")]

Out[5]:

	video_id	trending_date	title	channel_title	category_id	publish_time
0	m8Dqg8iz5Fo	18.09.05	MY INSTAGRAM FOLLOWERS PICK MY FULL FACE OF MA...	Sylvia Gani	26	2018-04-30T00:18:19.000Z
56	s4kX4R6T9ms	18.07.04	VIRAL INSTAGRAM ONE-SWIPE EYESHADOW Review (fi...	heyitsfeiii	26	2018-04-04T22:00:03.000Z
319	m8Dqg8iz5Fo	18.14.05	MY INSTAGRAM FOLLOWERS PICK MY FULL FACE OF MA...	Sylvia Gani	26	2018-04-30T00:18:19.000Z
2927	oY9GVZKwBhI	18.01.05	COPYING MADDIE ZIEGLER'S INSTAGRAM PHOTOS	Jess Conte	24	2018-04-26T00:55:12.000Z
3094	ms7t4CnjW1k	18.26.02	HOW I EDIT MY INSTAGRAMS!	FunForLouis	22	2018-02-24T16:07:29.000Z
3281	oY9GVZKwBhI	18.08.05	COPYING MADDIE ZIEGLER'S INSTAGRAM PHOTOS	Jess Conte	24	2018-04-26T00:55:12.000Z

In [6]: 1 df['title'].str[0:11:1]

Out[6]:

```

0    MY INSTAGRA
1    Does Tiffan
2    Panettone (
3    7.3 Magnitu
4    Turkish Air
...
4995 Red Velvet
4996 God of War
4997 Halsey - Al
4998 Camila Cabe
4999 Calvin Harr
Name: title, Length: 5000, dtype: object

```

```
In [7]: 1 df['thumbnail_link'].str.split("/")
```

```
Out[7]: 0      [https:, , i.ytimg.com, vi, m8Dqg8iz5Fo, defau...
1      [https:, , i.ytimg.com, vi, 2yCp-Dj5-7c, defau...
2      [https:, , i.ytimg.com, vi, H00dJJq68VE, defau...
3      [https:, , i.ytimg.com, vi, oTObwUiXdYY, defau...
4      [https:, , i.ytimg.com, vi, yvicqMrAHvQ, defau...
...
4995   [https:, , i.ytimg.com, vi, bqFjyo7I8fY, defau...
4996   [https:, , i.ytimg.com, vi, K0u_kAWLJOA, defau...
4997   [https:, , i.ytimg.com, vi, XGd1dq1BatM, defau...
4998   [https:, , i.ytimg.com, vi, vGTTSDrV37U, defau...
4999   [https:, , i.ytimg.com, vi, DkeiKbqa02g, defau...
Name: thumbnail_link, Length: 5000, dtype: object
```

```
In [8]: 1 df['thumbnail_link'].str.split("/").str[4].str.upper()
```

```
Out[8]: 0      M8DQG8IZ5FO
1      2YCP-DJ5-7C
2      H00DJJQ68VE
3      OTOBWUIXDYY
4      YVICQMRAHVQ
...
4995   BQFJY07I8FY
4996   K0U_KAWLJOA
4997   XGD1DQ1BATM
4998   VGTTS DRV37U
4999   DKEIKBQA02G
Name: thumbnail_link, Length: 5000, dtype: object
```

```
In [9]: 1 df['channel_title'].str.split(" ").str[0]
```

```
Out[9]: 0      Sylvia
1      Watch
2      Food
3      TIME
4      Turkish
...
4995   SMTOWN
4996   PlayStation
4997   HalseyVEVO
4998   Nickelodeon
4999   CalvinHarrisVEVO
Name: channel_title, Length: 5000, dtype: object
```

```
In [10]: 1 df['title'].str.replace('INSTAGRAM', 'INSTA')
```

```
Out[10]: 0          MY INSTA FOLLOWERS PICK MY FULL FACE OF MAKEUP!
1      Does Tiffany Haddish Think NeNe Leakes Is Funn...
2      Panettone (Italian Christmas Bread) - Food Wishes
3      7.3 Magnitude Earthquake Along Iraq-Iran Borde...
4      Turkish Airlines - 5 Senses with Dr. Oz
...
4995      Red Velvet 레드벨벳 '봐 (Look)' Dance Practice
4996      God of War - Story Trailer | PS4
4997      Halsey - Alone (Audio) ft. Big Sean, Stefflon Don
4998      Camila Cabello WINS Favorite Breakout Artist 🎤...
4999      Calvin Harris, Dua Lipa - One Kiss (Official V...
Name: title, Length: 5000, dtype: object
```

```
In [11]: 1 df['description'].str.contains("http")
```

```
Out[11]: 0          True
1          True
2          True
3          True
4         False
...
4995      True
4996      True
4997      True
4998      True
4999      True
Name: description, Length: 5000, dtype: object
```

```
In [12]: 1 df['description'].str.find('http')
```

```
Out[12]: 0          16.0
1         226.0
2         136.0
3         258.0
4          -1.0
...
4995      76.0
4996       0.0
4997      21.0
4998     345.0
4999      74.0
Name: description, Length: 5000, dtype: float64
```

```
In [13]: 1 j=df['description'][0][16:]
```

```
In [14]: 1 j.find(" ")
```

```
Out[14]: 24
```

In [15]: 1 df['description'][0][16:]

Out[15]: 'http://bit.ly/2g1cqFWHey S-Club! Today, we go to my instastories to see what products you guys want me to use for a full face! You chose some interesting products and the outcome was unexpected... enjoy! xo Watch this video NEXT: FULL FACE NOTHING OVER \$10! <https://bit.ly/2r4DqL5Dont> (<https://bit.ly/2r4DqL5Dont>) forget to THUMBS UP the video if you LIKED it!CALLING ALL S-CLUB... Translate my videos into YOUR language for a shout out in my description! Try it HERE: <http://bit.ly/2nHx8zPDISCOUNT> (<http://bit.ly/2nHx8zPDISCOUNT>) CODE SYLVIA on all bh Cosmetics!http://bhcosmetics.com--- Products Used ---FACE- BECCA FIRST LIGHT PRIMING FILTERhttp://bit.ly/2jh0geg- SHAMELESS YOUTHFUL-LOOK 24H FOUNDATION IN R230 <http://bit.ly/2JFjo0H-> (<http://bit.ly/2JFjo0H->) LOCK-IT CONCEALER CRÈME - KAT VON D <http://bit.ly/2jezrHl-> (<http://bit.ly/2jezrHl->) UNDER EYE BRIGHTENING SETTING POWDER - BECCA <http://bit.ly/2JDaYqw-> (<http://bit.ly/2JDaYqw->) DEFINED BRILLIANCE EYEBROW PENCIL - PRETTY VULGARhttp://bit.ly/2jdYIBw- UNICORN TEARS BRONZER - TOO FACEDhttp://bit.ly/2r7DPfK- HOURGLASS BLUSH INCANDESCENT ELECTRA AMBIENT LIGHTING COLLECTIONhttp://bit.ly/2jf8Ytf- MAY BELLINE MASTER CHROME METALLIC HIGHLIGHTER in Molten Rose Gold <http://bit.ly/2JGcY1f-> (<http://bit.ly/2JGcY1f->) TOO FACED SETTING SPRAYhttp://bit.ly/2JCh7m BEYES- PRO LONGWEAR PAINT POT - SOFT OCHRE <http://bit.ly/2JziBhq-> (<http://bit.ly/2JziBhq->) KYLIE COSMETICS THE ROYAL PEACH PALETTEhttps://bit.ly/2jKFMJ2-MORPHE GEL LINER in Lit AFhttp://bit.ly/2r9b4PX- EYEKO SKINNY LIQUID EYELINER <http://bit.ly/2r801om-> (<http://bit.ly/2r801om->) MONSIEUR BIG WATERPROOF MASCARA - LANCÔMEhttp://bit.ly/2r4INKf- URBAN DECAY HEAVY METAL GLITTER EYELINER in catcallhttp://bit.ly/2JAJ3Ye- LILLY LASHES in Miami <https://bit.ly/2t0gtqULIPS-> (<https://bit.ly/2t0gtqULIPS->) ESTEE LAUDER PURE COLOR LOVE LIPSTICK in Naked Cityhttp://bit.ly/2jiR1u3- MAC Stripdown LIPLINER <http://bit.ly/2r94CsbIF> (<http://bit.ly/2r94CsbIF>) YOU READ the entire description COMMENT Nicki Minaj commented your instagram to confuse everyone who isnt in on the joke haha! xo-----LETS BE FRIENDS ON SOCIAL MEDIA! - INSTAGRAM <https://www.instagram.com/sylviagani-> (<https://www.instagram.com/sylviagani->) TWITTER <https://twitter.com/sylviagani-> (<https://twitter.com/sylviagani->) SNAPCHAT username: sylviagani- FACEBOOK <https://www.facebook.com/sylviagani-> (<https://www.facebook.com/sylviagani->) BLOG <http://sylviagani.com>----- (<http://sylviagani.com>-----) M U S I C Music by Epidemic Sound (<http://www.epidemicsound.com>)-----D I S C L A I M E R This video is not sponsored. As always, all opinions are my own and I keep it 100 with yall - always honest! Thank you for your love and support. XO'

In [16]: 1 j[0:24]

Out[16]: 'http://bit.ly/2g1cqFWHey'