

Fetching data from kaggle

```
!mkdir -p ~/.kaggle  
!cp kaggle.json ~/.kaggle/  
  
import pandas as pd  
  
import requests  
from io import StringIO  
  
url = "https://gist.githubusercontent.com/kevin336/acbb2271e66c10a5b73aacf82ca82784/raw/e38afe62e088394d61ed30884dd50a6826ee"  
headers = {"User-Agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:66.0) Gecko/20100101 Firefox/66.0"}  
req = requests.get(url, headers=headers)  
data = StringIO(req.text)  
pd.read_csv(data)
```

fetching data for a json file

```
df = pd.read_json('https://raw.githubusercontent.com/datablist/sample-csv-files/refs/heads/main/src/data/product_names.json')
```

0	
0	Blender Blender
1	Trimmer Clock
2	Router Phone
3	Clock Brush
4	Lock Bicycle
...	...
495	Brush
496	Freezer
497	Scanner Monitor Treadmill
498	Scooter Microphone
499	Radio Stove Shaver

500 rows × 1 columns

WARNING: Runtime no longer has a reference to this dataframe, please re-run this cell and try again.

Next steps: [Generate code with df](#) [New interactive sheet](#)

Fetching data with using api

```
import requests
import json

url = 'https://twitter-api45.p.rapidapi.com/broadcast.php'

headers = {
    "Content-Type": "application/json",
    "X-RapidAPI-Key": "7503d75717msh2142ac6a2325a92p117facjsnd474a5872eea",
    "X-RapidAPI-Host": "twitter-api45.p.rapidapi.com"
}

response = requests.get(url, headers=headers)

print(response.status_code)
print(response.text)
data = response.json()

200
{"live":true,"spaces": {"id": "s", "started": "s", "created_at": "s", "tags": "s", "language": "s", "locked": "s", "total_watching": "s", "}}
```

another example (cricbuzz datasets)

```
import requests

url = "https://cricbuzz-cricket.p.rapidapi.com/mcenter/v1/40381/hscard"

headers = {
    "x-rapidapi-key": "7503d75717nsh2142ac6a2325a92p117facjsnd474a5872eea",
    "x-rapidapi-host": "cricbuzz-cricket.p.rapidapi.com"
}

response = requests.get(url, headers=headers)

data = response.json()
```

S	204	Harrison	Poor	UPATED	E15.122.0000	07.JUN.02	PP_PED	10000	
data									
8	'videooid': 0,	William	Gietz	WGIETZ	515.123.8181	07-JUN-02	AC_ACCOUNT	8300	
9	'dots': 206	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	
10	'rpb': 0100	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	
11	'planid': 0,	'imageid': 0,	'premiumvideourl': ''	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000
12	'ispremiumfree': False,	'inmatchchange': Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	
13	'isoverseas': False,	'playingchange': Brigitte	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	
14	'fow': {'fow': [{batsmanid': 22896, 'batsmanname': 'David Scott', 'overnbr': 3.0, 'ballnbr': 10}, {'batsmanid': 22897, 'batsmanname': 'David Scott', 'overnbr': 3.0, 'ballnbr': 10}], 'runs': 106, 'overs': 10.6, 'ballnbr': 18}, Austin	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800		
15	{'batsmanid': 22891, 'batsmanname': 'Ritwik Behera', 'overnbr': 7.2, 'ballnbr': 10}, Valli	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	
16	{'batsmanid': 22891, 'batsmanname': 'Ritwik Behera', 'overnbr': 7.2, 'ballnbr': 10}, Diana	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	
17	{'batsmanid': 22891, 'batsmanname': 'Ritwik Behera', 'overnbr': 7.2, 'ballnbr': 10}, Nancy	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	
18	{'batsmanid': 14732, 'batsmanname': 'Monank Patel', 'overnbr': 11.4, 'ballnbr': 10}, Daniel	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	
19	{'batsmanid': 10699, 'batsmanname': 'Manish Pandey', 'overnbr': 11.4, 'ballnbr': 10}, John	John	Chen	JCHEN	515.124.4269	28-SEP-05	FI_ACCOUNT	8200	
20	{'batsmanid': 12788, 'batsmanname': 'Gaganand Singh', 'overnbr': 14.3, 'ballnbr': 10}, Ismael	Ismael	Sciarra	ISCIARRA	515.124.4369	30-SEP-05	FI_ACCOUNT	7700	
21	{'batsmanid': 10699, 'batsmanname': 'Gaganand Singh', 'overnbr': 14.3, 'ballnbr': 10}, Jose	Jose	Manuel	JMURMAN	515.124.4469	07-MAR-06	FI_ACCOUNT	7800	
22	{'batsmanid': 20217, 'batsmanname': 'Sushant Modani', 'overnbr': 17.3, 'ballnbr': 10}, Luis	Luis	Popp	LPOPP	515.124.4567	07-DEC-07	FI_ACCOUNT	6900	
23	{'batsmanid': 22901, 'batsmanname': 'Yashwant Mohammadi', 'overnbr': 17.3, 'ballnbr': 10}, Den	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN	11000	
24	{'batsmanid': 10699, 'batsmanname': 'Manish Pandey', 'overnbr': 17.3, 'ballnbr': 10}, Alexander	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK	3100	
25	{'batsmanid': 10699, 'batsmanname': 'Manish Pandey', 'overnbr': 17.4, 'ballnbr': 10}, Baida	Baida	SBAIDA	515.127.4563	24-DEC-05	PU_CLERK	2900		
26	{'batsmanid': 22901, 'batsmanname': 'Yashwant Mohammadi', 'overnbr': 17.4, 'ballnbr': 10}, Sigal	Sigal	Tobias	STOBIAS	515.127.4564	24-JUL-05	PU_CLERK	2800	
27	{'batsmanid': 22901, 'batsmanname': 'Yashwant Mohammadi', 'overnbr': 17.6, 'ballnbr': 10}, Guy	Guy	Colmenares	KCOLMENA	515.127.4566	15-NOV-06	PU_CLERK	2600	
28	{'batsmanid': 22901, 'batsmanname': 'Yashwant Mohammadi', 'overnbr': 17.6, 'ballnbr': 10}, Karen	Karen	Colmenares	KCOLMENA	515.127.4566	10-AUG-07	PU_CLERK	2500	
29	'extras': {'legbyes': 4, 'byes': 1120, 'wides': 6, 'noballs': 121, 'penalty': 0, 'total': 131}, Matthew	Matthew	Weiss	MWEISS	650.123.1234	18-JUL-04	ST_MAN	8000	
30	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Adam	Adam	Fripp	AFRIPP	650.123.2234	10-APR-05	ST_MAN	8200	
31	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Payam	Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	
32	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Shanta	Shanta	Vollman	SVOLLMAN	650.123.4234	10-OCT-05	ST_MAN	6500	
33	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Kevin	Kevin	Mourgos	KMOURGOS	650.123.5234	16-NOV-07	ST_MAN	5800	
34	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Julia	Julia	Nayer	JNAYER	650.124.1214	16-JUL-05	ST_CLERK	3200	
35	'score': 143, 'wickets': 7, 'overs': 20.0, 'runrate': 124.05, 'batteamname': 'United States', 'batteamname': 'USA', 'isdeclared': False}, Irena	Irena	Mikkilineni	IMIKKILI	650.124.1224	28-SEP-06	ST_CLERK	2700	

```
import pandas as pd
temp1 = pd.DataFrame(data['scorecard'][0]['batsman'])
temp2 = pd.DataFrame(data['scorecard'][1]['batsman'])
batsman = pd.concat([temp1, temp2], ignore_index=True)
batsman
```

S	129	Laura	Bissot	LBISSTO1	650.124.5234	05	ST_CLERK	3300
39	130	Mozhe	Atkinson	MATKINSO	650.124.6234	30-OCT-05	ST_CLERK	2800
40	131	James	Marlow	JAMRLOW	650.124.7234	16-FEB-05	ST_CLERK	2500
41	132	TJ	Olson	TJOLSON	650.124.8234	10-APR-07	ST_CLERK	2100

42		133 id	balls	runs	Jason fours	Mallin sixes	JMALLIN strkrate	650.127.1934 name	14-JUN-04 nickname	1scaptain	ST_CLERK iskeeper	... 3300	videourl	videoid	- planid
0	1114	5	5	1	0	100	Stirling			False	False	...		0	0
1	6710	5	10	2	0	200	Balbirnie			True	False	...		0	0
2	11131	56	84	9	3	150	Lorcan Tucker			False	False	...		0	0
3	18143	11	17	2	1	154.55	Curtis Campher			False	False	...		0	0
4	6471	10	5	0	0	50	Getkate			False	False	...		0	0
5	13309	5	4	0	0	80	Neil Rock			False	True	...		0	0
6	11129	3	1	0	0	33.33	William McClintock			False	False	...		0	0
7	10449	4	3	0	0	75	Mark Adair			False	False	...		0	0
8	12769	11	13	1	0	118.18	Simi Singh			False	False	...		0	0
9	10451	1	0	0	0	0	Barry McCarthy			False	False	...		0	0
10	11124	2	2	0	0	100	Benjamin White			False	False	...		0	0
11	22891	23	16	1	0	69.57	Ritwik Behera	Ritwik Behera		False	False	...		0	0
12	22896	11	11	2	0	100	Ryan Scott	Ryan Scott		False	False	...		0	0
13	14732	27	26	2	1	96.3	Monank Patel	Monank Patel		True	True	...		0	0
14	12788	20	22	1	1	110	Gajanand Singh	Gajanand Singh		False	False	...		0	0
15	20217	16	27	1	2	168.75	Sushant Modani	Sushant Modani		False	False	...		0	0
16	10699	11	11	1	0	100	Marty Kain	Marty Kain		False	False	...		0	0
17	15475	6	10	2	0	166.67	Nisarg Patel	Nisarg Patel		False	False	...		0	0
18	22901	2	0	0	0	0	Yasir Mohammad	Yasir Mohammad		False	False	...		0	0
19	9748	6	5	0	0	83.33	Saurabh Netravalkar	Netravalkar		False	False	...		0	0
20	22531	0	0	0	0	0	Vatsal Vaghela	Vatsal Vaghela		False	False	...		0	0
21	11450	0	0	0	0	0	Ali Khan	Ali Khan		False	False	...		0	0

22 rows × 22 columns

```
import pandas as pd
temp1 = pd.DataFrame(data['scorecard'][0]['bowler'])
temp2 = pd.DataFrame(data['scorecard'][1]['bowler'])
bowlers = pd.concat([temp1, temp2], ignore_index=True)
bowlers
```