

In [2]:

```
import requests
```

In [3]:

```
response=requests.get('https://gorest.co.in/public-api/users?_format=json&access-token=
response.content
```

Out[3]:

```
b'{"code":200,"meta":{"pagination":{"total":2683,"pages":135,"page":1,"limit":20}},
"data":[{"id":3756,"name":"andres","email":"andresj43f@mail.com","gender":"male",
"status":"active"},{"id":3759,"name":"API Monitoring:0ezmzm","email":"apimonitoring0ezmzm@synthetic.com",
"gender":"male","status":"active"},{"id":3669,"name":"Leidy daza ","email":"apimonitoringvy4rdr@synthetic.com",
"gender":"female","status":"active"},{"id":44,"name":"Sen. Chaturaanan Embranthiri",
"email":"chaturaanan_embranthiri_sen@gerlach.biz","gender":"female","status":"inactive"},
{"id":45,"name":"The Hon. Girja Chaturvedi","email":"the_girja_chaturvedi_hon@waelchi-pacocha.co",
"gender":"male","status":"inactive"},{"id":49,"name":"Gajbaahu Kaul","email":"kaul_gajbaahu@maggio-mona
han.net","gender":"female","status":"active"},{"id":50,"name":"Msgr. Chaanakya Gupta",
"email":"gupta_chaanakya_msgr@kovacek.biz","gender":"male","status":"inactive"},
{"id":51,"name":"Fr. Gandharv Mahajan","email":"mahajan_gandharv_fr@harris.name",
"gender":"male","status":"inactive"},{"id":52,"name":"Sen. Chandraprabha Tagore",
"email":"sen_tagore_chandraprabha@simonis.com","gender":"male","status":"active"},
{"id":53,"name":"Mr. Smriti Malik","email":"smriti_malik_mr@boyer.org","gender":"female",
"status":"active"},{"id":54,"name":"Ashlesh Varma PhD","email":"phd_ashlesh_varma@kassulke-deckow.org",
"gender":"male","status":"inactive"},{"id":55,"name":"Devadatt Nair","email":"devadatt_nair@welch.org",
"gender":"female","status":"active"},{"id":57,"name":"Usha Patel","email":"patel_usha@fritsch.com",
"gender":"female","status":"active"},{"id":59,"name":"Arjun Verma","email":"arjun_verma@heller.com",
"gender":"female","status":"inactive"},{"id":60,"name":"Veda Ahuja","email":"veda_ahuja@king.org",
"gender":"male","status":"inactive"},{"id":61,"name":"Sarala Mehra","email":"sarala_mehra@sanford.org",
"gender":"male","status":"active"},{"id":62,"name":"Bhaanumati Rana PhD","email":"bhaanumati_phd_rana@considine-reilly.com",
"gender":"female","status":"active"},{"id":63,"name":"Rajinder Agarwal MD",
"email":"agarwal_rajinder_md@bashirian.co","gender":"female","status":"active"},
{"id":64,"name":"Chandan Shukla","email":"shukla_chandan@grady.net","gender":"female",
"status":"inactive"},{"id":65,"name":"Aryan Mehra","email":"aryan_mehra@oconner.net",
"gender":"female","status":"active"}]}'
```

In [4]:

```
import json
response=requests.get('https://gorest.co.in/public-api/users?_format=json&access-token=
dic=json.loads(response.text)
dic
```

Out[4]:

```
{'code': 200,
 'meta': {'pagination': {'total': 2683, 'pages': 135, 'page': 1, 'limit': 2
0}},
 'data': [{ 'id': 3756,
  'name': 'andres',
  'email': 'andresj43f@mail.com',
  'gender': 'male',
  'status': 'active'},
 { 'id': 3759,
  'name': 'API Monitoring:0ezmzm',
  'email': 'apimonitoring0ezmzm@synthetic.com',
  'gender': 'male',
  'status': 'active'},
 { 'id': 3669,
  'name': 'Leidy daza ',
  'email': 'apimonitoringvy4rdr@synthetic.com',
  'gender': 'female',
  'status': 'active'},
 { 'id': 44,
  'name': 'Sen. Chaturaanan Embranthiri',
  'email': 'chaturaanan_embranthiri_sen@gerlach.biz',
  'gender': 'female',
  'status': 'inactive'},
 { 'id': 45,
  'name': 'The Hon. Girja Chaturvedi',
  'email': 'the_girja_chaturvedi_hon@waelchi-pacocha.co',
  'gender': 'male',
  'status': 'inactive'},
 { 'id': 49,
  'name': 'Gajbaahu Kaul',
  'email': 'kaul_gajbaahu@maggio-monahan.net',
  'gender': 'female',
  'status': 'active'},
 { 'id': 50,
  'name': 'Msgr. Chaanakya Gupta',
  'email': 'gupta_chaanakya_msgr@kovacek.biz',
  'gender': 'male',
  'status': 'inactive'},
 { 'id': 51,
  'name': 'Fr. Gandharv Mahajan',
  'email': 'mahajan_gandharv_fr@harris.name',
  'gender': 'male',
  'status': 'inactive'},
 { 'id': 52,
  'name': 'Sen. Chandraprabha Tagore',
  'email': 'sen_tagore_chandraprabha@simonis.com',
  'gender': 'male',
  'status': 'active'},
 { 'id': 53,
  'name': 'Mr. Smriti Malik',
  'email': 'smriti_malik_mr@boyer.org',
```

```

'gender': 'female',
'status': 'active'},
{'id': 54,
'name': 'Ashlesh Varma PhD',
'email': 'phd_ashlesh_varma@kassulke-deckow.org',
'gender': 'male',
'status': 'inactive'},
{'id': 55,
'name': 'Devadatt Nair',
'email': 'devadatt_nair@welch.org',
'gender': 'female',
'status': 'active'},
{'id': 57,
'name': 'Usha Patel',
'email': 'patel_usha@fritsch.com',
'gender': 'female',
'status': 'active'},
{'id': 59,
'name': 'Arjun Verma',
'email': 'arjun_verma@heller.com',
'gender': 'female',
'status': 'inactive'},
{'id': 60,
'name': 'Veda Ahuja',
'email': 'veda_ahuja@king.org',
'gender': 'male',
'status': 'inactive'},
{'id': 61,
'name': 'Sarala Mehra',
'email': 'sarala_mehra@sanford.org',
'gender': 'male',
'status': 'active'},
{'id': 62,
'name': 'Bhaanumati Rana PhD',
'email': 'bhaanumati_phd_rana@considine-reilly.com',
'gender': 'female',
'status': 'active'},
{'id': 63,
'name': 'Rajinder Agarwal MD',
'email': 'agarwal_rajinder_md@bashirian.co',
'gender': 'female',
'status': 'active'},
{'id': 64,
'name': 'Chandan Shukla',
'email': 'shukla_chandan@grady.net',
'gender': 'female',
'status': 'inactive'},
{'id': 65,
'name': 'Aryan Mehra',
'email': 'aryan_mehra@oconner.net',
'gender': 'female',
'status': 'active'}}]]}

```

In [11]:

```
dic['code']
```

Out[11]:

In [12]:

```
dic['data']
```

Out[12]:

```
[{'id': 3756,
  'name': 'andres',
  'email': 'andresj43f@mail.com',
  'gender': 'male',
  'status': 'active'},
 {'id': 3759,
  'name': 'API Monitoring:0ezmzm',
  'email': 'apimonitoring0ezmzm@synthetic.com',
  'gender': 'male',
  'status': 'active'},
 {'id': 3669,
  'name': 'Leidy daza ',
  'email': 'apimonitoringvy4rdr@synthetic.com',
  'gender': 'female',
  'status': 'active'},
 {'id': 44,
  'name': 'Sen. Chaturaanan Embranthiri',
  'email': 'chaturanaanan_embbranthiri_sen@sen1ash.hil'}
```

In [13]:

```
for users in dic['data']:
    print(f"id:{users['id']},name: {users['name']} , email: {users['email']} , gender: {us
```

```
id:3756,name: andres , email: andresj43f@mail.com , gender: male, status :ac
tive
id:3759,name: API Monitoring:0ezmzm , email: apimonitoring0ezmzm@synthetic.c
om , gender: male, status :active
id:3669,name: Leidy daza , email: apimonitoringvy4rdr@synthetic.com , gende
r: female, status :active
id:44,name: Sen. Chaturaanan Embranthiri , email: chaturaanan_embranthiri_se
n@gerlach.biz , gender: female, status :inactive
id:45,name: The Hon. Girja Chaturvedi , email: the_girja_chaturvedi_hon@wael
chi-pacocha.co , gender: male, status :inactive
id:49,name: Gajbaahu Kaul , email: kaul_gajbaahu@maggio-monahan.net , gende
r: female, status :active
id:50,name: Msgr. Chaanakya Gupta , email: gupta_chaanakya_msgr@kovacek.biz
, gender: male, status :inactive
id:51,name: Fr. Gandharv Mahajan , email: mahajan_gandharv_fr@harris.name ,
gender: male, status :inactive
id:52,name: Sen. Chandrabhabha Tagore , email: sen_tagore_chandrabhabha@simo
nis.com , gender: male, status :active
id:53,name: Mr. Smriti Malik , email: smriti_malik_mr@boyer.org , gender: fe
male, status :active
id:54,name: Ashlesh Varma PhD , email: phd_ashlesh_varma@kassulke-deckow.org
, gender: male, status :inactive
id:55,name: Devadatt Nair , email: devadatt_nair@welch.org , gender: female,
status :active
id:57,name: Usha Patel , email: patel_usha@fritsch.com , gender: female, sta
tus :active
id:59,name: Arjun Verma , email: arjun_verma@heller.com , gender: female, st
atus :inactive
id:60,name: Veda Ahuja , email: veda_ahuja@king.org , gender: male, status :
inactive
id:61,name: Sarala Mehra , email: sarala_mehra@sanford.org , gender: male, s
tatus :active
id:62,name: Bhaanumati Rana PhD , email: bhaanumati_phd_rana@considine-reill
y.com , gender: female, status :active
id:63,name: Rajinder Agarwal MD , email: agarwal_rajinder_md@bashirian.co ,
gender: female, status :active
id:64,name: Chandan Shukla , email: shukla_chandan@grady.net , gender: femal
e, status :inactive
id:65,name: Aryan Mehra , email: aryan_mehra@oconner.net , gender: female, s
tatus :active
```

In [14]:

```
import csv
```

In [19]:

```
with open('user.csv','w',newline='') as f:
    writer=csv.writer(f)
    writer.writerow(['id','name','email','gender','status'])
    for user in dic['data']:
        id=user['id']
        name=user['name']
        email=user['email']
        gender=user['gender']
        status=user['status']
        writer.writerow([id,name,email,gender,status])
```

In [23]:

```
import pandas as pd
```

In [24]:

```
dataframe=pd.read_csv('user.csv')  
dataframe
```

Out[24]:

	id	name	email	gender	status
0	3756	andres	andresj43f@mail.com	male	active
1	3759	API Monitoring:0ezmzm	apimonitoring0ezmzm@synthetic.com	male	active
2	3669	Leidy daza	apimonitoringvy4rdr@synthetic.com	female	active
3	44	Sen. Chaturaanan Embranthiri	chaturaanan_embranthiri_sen@gerlach.biz	female	inactive
4	45	The Hon. Girja Chaturvedi	the_girja_chaturvedi_hon@waelchi-pacocha.co	male	inactive
5	49	Gajbaahu Kaul	kaul_gajbaahu@maggio-monahan.net	female	active
6	50	Msgr. Chaanakya Gupta	gupta_chaanakya_msgr@kovacek.biz	male	inactive
7	51	Fr. Gandharv Mahajan	mahajan_gandharv_fr@harris.name	male	inactive
8	52	Sen. Chandrababha Tagore	sen_tagore_chandrababha@simonis.com	male	active
9	53	Mr. Smriti Malik	smriti_malik_mr@boyer.org	female	active
10	54	Ashlesh Varma PhD	phd_ashlesh_varma@kassulke-deckow.org	male	inactive
11	55	Devadatt Nair	devadatt_nair@welch.org	female	active
12	57	Usha Patel	patel_usha@fritsch.com	female	active
13	59	Arjun Verma	arjun_verma@heller.com	female	inactive
14	60	Veda Ahuja	veda_ahuja@king.org	male	inactive
15	61	Sarala Mehra	sarala_mehra@sanford.org	male	active
16	62	Bhaanumati Rana PhD	bhaanumati_phd_rana@considine-reilly.com	female	active
17	63	Rajinder Agarwal MD	agarwal_rajinder_md@bashirian.co	female	active
18	64	Chandan Shukla	shukla_chandan@grady.net	female	inactive
19	65	Aryan Mehra	aryan_mehra@oconner.net	female	active

In [ ]: