

```
import requests
import pandas as pd
import time
```

```
url = 'https://valorant-api.com/v1/agents'
```

```
respond = requests.get(url)
if respond.status_code == 200:
    print('The request was a success!')
elif respond.status_code == '400':
    print('Result not found!')
```

The request was a success!

```
result = respond.json()
result
```

```
{'status': 200,
 'data': [{ 'uuid': 'dade69b4-4f5a-8528-247b-219e5a1facd6',
            'displayName': 'Fade',
            'description': 'Turkish bounty hunter Fade unleashes the power of raw night',
            'developerName': 'BountyHunter',
            'characterTags': None,
            'displayIcon': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/icon.png',
            'displayIconSmall': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/icon_small.png',
            'bustPortrait': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/bust_portrait.png',
            'fullPortrait': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/full_portrait.png',
            'fullPortraitV2': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/full_portrait_v2.png',
            'killfeedPortrait': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/killfeed_portrait.png',
            'background': 'https://media.valorant-api.com/agents/dade69b4-4f5a-8528-247b-219e5a1facd6/background.png',
            'backgroundGradientColors': ['b1414cff',
                                         '5589bdff',
                                         '18344cff',
                                         '66376cff'],
            'assetPath': 'ShooterGame/Content/Characters/BountyHunter/BountyHunter_PrimaryAsset',
            'isFullPortraitRightFacing': False,
            'isPlayableCharacter': True
```

```
names = []
role = []
ability1 = []
ability2 = []
ability3 = []
ultimate = []
pic = []
```

```
for i in range(0,7):
    names.append(result['data'][i]['displayName'])
    role.append(result['data'][i]['role']['displayName'])
    ability1.append(result['data'][i]['abilities'][0]['displayName'])
    ability2.append(result['data'][i]['abilities'][1]['displayName'])
    ability3.append(result['data'][i]['abilities'][2]['displayName'])
    ultimate.append(result['data'][i]['abilities'][3]['displayName'])
    pic.append(result['data'][i]['fullPortrait'])
for i in range(8,21):
    names.append(result['data'][i]['displayName'])
    role.append(result['data'][i]['role']['displayName'])
    ability1.append(result['data'][i]['abilities'][0]['displayName'])
    ability2.append(result['data'][i]['abilities'][1]['displayName'])
    ability3.append(result['data'][i]['abilities'][2]['displayName'])
    ultimate.append(result['data'][i]['abilities'][3]['displayName'])
    pic.append(result['data'][i]['fullPortrait'])
    time.sleep(2)
```

```
df = pd.DataFrame({
    'Name': names,
    'Role': role,
    'AbilityI' : ability1,
    'AbilityII': ability2,
    'AbilityIII': ability3,
    'Ultimate': ultimate,
    'Picture': pic
})
```

df

	Name	Role	AbilityI	AbilityII	AbilityIII	Ultimate	Picture
0	Fade	Initiator	Seize	Haunt	Prowler	Nightfall	https://media.valorant-api.com/agents/dade69b4...
1	Breach	Initiator	Flashpoint	Fault Line	Aftershock	Rolling Thunder	https://media.valorant-api.com/agents/5f8d3a7f...
2	Raze	Duelist	Blast Pack	Paint Shells	Boom Bot	Showstopper	https://media.valorant-api.com/agents/f94c3b30...
3	Chamber	Sentinel	Rendezvous	Trademark	Headhunter	Tour De Force	https://media.valorant-api.com/agents/22697a3d...
4	KAY/O	Initiator	FRAG/ment	FLASH/drive	ZERO/point	NULL/cmd	https://media.valorant-api.com/agents/601dbbe7...
5	Skye	Initiator	Trailblazer	Guiding Light	Regrowth	Seekers	https://media.valorant-api.com/agents/6f2a04ca...
6	Cypher	Sentinel	Cyber Cage	Spycam	Trapwire	Neural Theft	https://media.valorant-api.com/agents/117ed9e3...
7	Sova	Initiator	Shock Bolt	Recon Bolt	Owl Drone	Hunter's Fury	https://media.valorant-api.com/agents/320b2a48...
8	Killjoy	Sentinel	Nanoswarm	ALARMBOT	TURRET	Lockdown	https://media.valorant-api.com/agents/1e58de9c...
9	Harbor	Controller	Cove	Cascade	High Tide	Reckoning	https://media.valorant-api.com/agents/95b78ed7...
10	Viper	Controller	Poison Cloud	Toxic Screen	Snake Bite	Viper's Pit	https://media.valorant-api.com/agents/707eab51...
11	Phoenix	Duelist	Blaze	Curveball	Hot Hands	Run it Back	https://media.valorant-api.com/agents/eb93336a...
12	Astra	Controller	Nova Pulse	Nebula / Dissipate	Gravity Well	Astral Form / Cosmic Divide	https://media.valorant-api.com/agents/41fb69c1...
13	Brimstone	Controller	Stim Beacon	Incendiary	Sky Smoke	Orbital Strike	https://media.valorant-api.com/agents/9f0d8ba9...
14	Neon	Duelist	High Gear	Relay Bolt	Fast Lane	Overdrive	https://media.valorant-api.com/agents/bb2a4828...
15	Yoru	Duelist	FAKEOUT	BLINDSIDE	GATECRASH	DIMENSIONAL DRIFT	https://media.valorant-api.com/agents/7f94d92c...
16	Sage	Sentinel	Slow Orb	Healing Orb	Barrier Orb	Resurrection	https://media.valorant-api.com/agents/569fdd95...
17	Reyna	Duelist	Devour	Dismiss	Leer	Empress	https://media.valorant-api.com/agents/a3bfb853...
18	Omen	Controller	Paranoia	Dark Cover	Shrouded Step	From the Shadows	https://media.valorant-api.com/agents/8e253930...
19	Jett	Duelist	Updraft	Tailwind	Cloudburst	Blade Storm	https://media.valorant-api.com/agents/add6443a...

```
## Write to csv file
```

```
df.to_csv('Valorant_Agents.csv')
```

```
## Filter Role == Duelist
```

```
df[df['Role'] == 'Duelist']
```

	Name	Role	AbilityI	AbilityII	AbilityIII	Ultimate	Picture
2	Raze	Duelist	Blast Pack	Paint Shells	Boom Bot	Showstopper	https://media.valorant-api.com/agents/f94c3b30...
11	Phoenix	Duelist	Blaze	Curveball	Hot Hands	Run it Back	https://media.valorant-api.com/agents/eb93336a...
14	Neon	Duelist	High Gear	Relay Bolt	Fast Lane	Overdrive	https://media.valorant-api.com/agents/bb2a4828...
15	Yoru	Duelist	FAKEOUT	BLINDSIDE	GATECRASH	DIMENSIONAL DRIFT	https://media.valorant-api.com/agents/7f94d92c...
17	Reyna	Duelist	Devour	Dismiss	Leer	Empress	https://media.valorant-api.com/agents/a3bfb853...
19	Jett	Duelist	Updraft	Tailwind	Cloudburst	Blade Storm	https://media.valorant-api.com/agents/add6443a...