

## Co-WIN Appointment Slot Tracker

By 1770 Group

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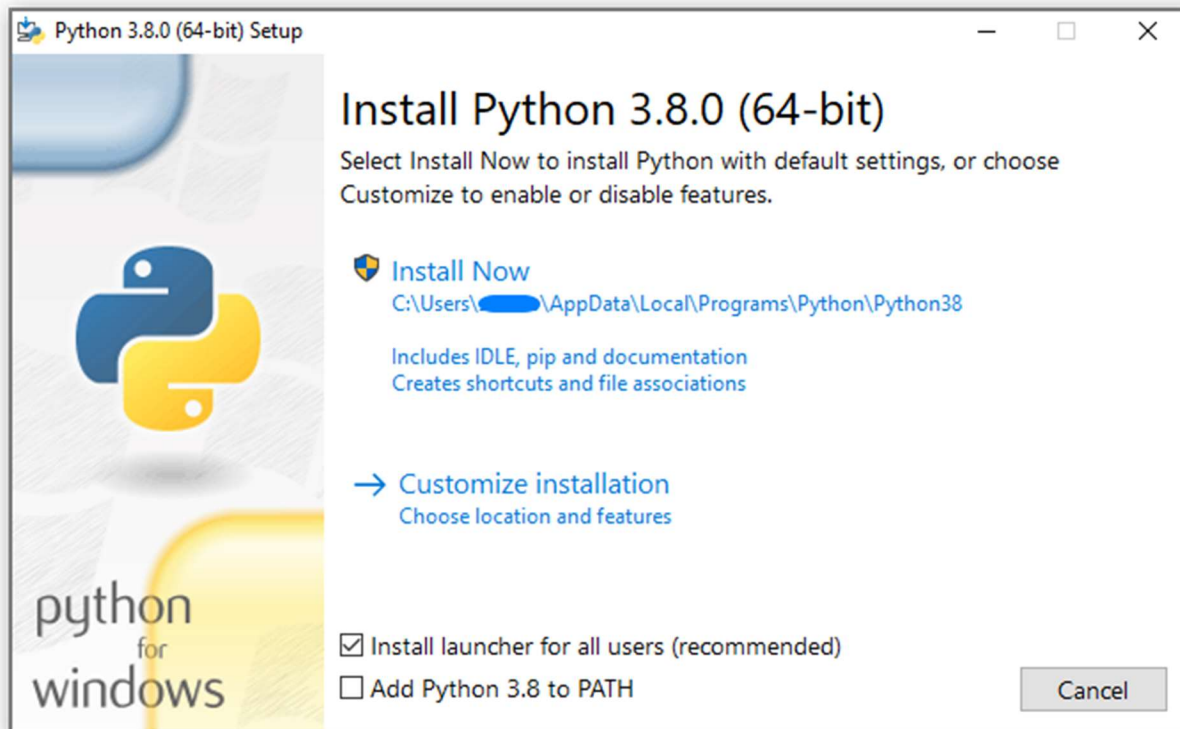
### Requirments For PC

- I. Python 2.7 or Higher
- II. Python Modules = requests, pygetwindow
- III. Pycharm IDE

Please Follow these Steps –

Part 1 (Installing Python and Pycharm) You can Skip this step if you have Python already installed in your PC –

- 1) Download latest version of Python from <https://www.python.org/downloads/>
- 2) Install the downloaded file and REMEMBER TO SELECT ADD TO PATH OPTION



- 3) After that, Download and Install PYCHARM from <https://www.jetbrains.com/pycharm/download/download-thanks.html?platform=windows&code=PCC>
- 4) Create New Folder and Right Click on it and You will see Open Folder as Pycharm Project
- 5) And you are good to go !

## Part 2 (Running the Code) –

- 1) Enter these commands in command prompt

`pip install requests`

it will install requests module and then run this command to install pygetwindow

`pip install pygetwindow`

- 2) Create New File named main.py in your New Folder
- 3) And paste the following code –

```
"""
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"""
import time
import datetime
import requests
import pygetwindow as gw

dateTom_base = datetime.date.today() + datetime.timedelta(days=1)
dateTom = dateTom_base.strftime("%d-%m-%Y")
print("Welcome to Seventeen Seventy CO-WIN Vaccine Tracker")
pincode = str(input("Please Enter Your Pincode - "))
findByPinParams = {"pincode": pincode, "date": dateTom}
yikes = []
chromeWindow = gw.getWindowsWithTitle('Co-WIN Application - Google Chrome')[0]
base_urlFindByPin = "https://cdn-api.co-
vin.in/api/v2/appointment/sessions/public/findByPin"
base_urlFindByDistrict = "https://cdn-api.co-
vin.in/api/v2/appointment/sessions/public/findByDistrict"

def getrequest(x, y, u):
    headers = {"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:89.0)
Gecko/20100101 Firefox/89.0"}
    r = requests.get(x, y, headers=headers)
    statuscode = r.status_code
    z = r.json()
    if statuscode == 200:
        print("Successfully checked")
    else:
        print("If this happens a lot please restart program or try again after some
time.")
    for dictionary in z['sessions']:
        u.append(dictionary['available_capacity'])
    return u

for i in range(5000000):
    getrequest(base_urlFindByPin, findByPinParams, yikes)
    if len(yikes) == 0:
        print("Not Available, Trying again...")
    else:
        chromeWindow.maximize() # Opens CO-Win Portal if found any slot available
        break
    time.sleep(3) # Takes pause for 3 seconds
```

4) If anything goes wrong please watch this video (video-link)