API Code in Python

import requests

import urllib

import pandas as pd

import numpy as np

#Load a table containing the School ID, LAT, LON (in this order)

df = pd.read\_csv('GeoCodeTable.csv')

#Create an empty list to hold the census blocks

CensusBlock = []

#Loop through our table and get the Lat/Lon to input into the website

for i in range(len(df)):

lat = df['LAT'][i]

lon = df['LON'][i]

params = urllib.parse.urlencode({'latitude': lat, 'longitude':lon, 'format':'json'})

#Contruct request URL

url = 'https://geo.fcc.gov/api/census/block/find?' + params

#Get response from API

response = requests.get(url)

#Parse json in response

data = response.json()

#Print FIPS code

CensusBlock.append(data['Block']['FIPS'])

#Add census blocks to our table

df['CensusBlock'] = CensusBlock

#Export to CSV

df.to\_csv('Census Blocks by School.csv', index = False)