import requests

import progressbar as pb

import os

def download\_file(url, file\_name, dest\_dir):

if not os.path.exists(dest\_dir):

os.makedirs(dest\_dir)

full\_path\_to\_file = dest\_dir + os.path.sep + file\_name

if os.path.exists(dest\_dir + os.path.sep + file\_name):

return full\_path\_to\_file

print("Downloading " + file\_name + " from " + url)

try:

r = requests.get(url, allow\_redirects=True, stream=True)

except:

print("Could not establish connection. Download failed")

return None

file\_size = int(r.headers['Content-Length'])

chunk\_size = 1024

num\_bars = round(file\_size / chunk\_size)

bar = pb.ProgressBar(maxval=num\_bars).start()

if r.status\_code != requests.codes.ok:

print("Error occurred while downloading file")

return None

count = 0

with open(full\_path\_to\_file, 'wb') as file:

for chunk in r.iter\_content(chunk\_size=chunk\_size):

file.write(chunk)

bar.update(count)

count += 1

return full\_path\_to\_file