

def loaddata(\*args, \*\*kwargs):

    pg\_hook = PostgresHook(postgres\_conn\_id='weather\_id')

    file\_name = str(datetime.now().date())+'.json'

    tot\_name = os.path.join(os.path.dirname(\_\_file\_\_),  file\_name)

    print(tot\_name)

    with open(tot\_name, 'r') as inputfile:

        doc = json.load(inputfile)

    city = str(doc['name'])

    country = str(doc['sys']['country'])

    lat = float(doc['coord']['lat'])

    lon = float(doc['coord']['lon'])

    humid = float(doc['main']['humidity'])

    press = float(doc['main']['pressure'])

    min\_temp = float(doc['main']['temp\_min'])

    max\_temp = float(doc['main']['temp\_max'])

    temp = float(doc['main']['temp'])

    weather = str(doc['weather'][0]['description'])

    todays\_date = datetime.now().date()

    valid\_data = True

    for valid in np.isnan([lat, lon, humid, press, min\_temp, max\_temp, temp]):

        if valid is False:

            valid\_date = False

            break;

    row = (city, country, lat, lon, todays\_date, humid, press, min\_temp, max\_temp, temp, weather)

    insert\_cmd = """ INSERT INTO weather

                    (city, country, latitude, longitude, todays\_date, humidity, pressure, min\_temp, max\_temp, temp, weather)

                    VALUES

                    (%s, %s, %s, %s, %s, %s, %s, %s, %s, %s,%s);"""

    if valid\_data is True:

        pg\_hook.run(insert\_cmd, parameters = row)

