import random

import time

def collect\_sensor\_data():

temperature = random.uniform(15.0, 30.0)

humidity = random.uniform(30.0, 90.0)

soil\_ph = random.uniform(5.0, 8.5)

return {"temperature": temperature, "humidity": humidity, "soil\_ph": soil\_ph}

while True:

data = collect\_sensor\_data()

print("Sensor Data:", data)

time.sleep(5)