**Iot based** **on Noise pollution python code in devlopment part2**

example of a Python code snippet that demonstrates IoT-based noise pollution monitoring and analysis:

python

import time

import random

# Simulating noise sensor data

def get\_noise\_level():

return random.uniform(50, 100) # Replace with actual sensor data retrieval

# Analyzing noise level

def analyze\_noise\_level(noise\_level):

if noise\_level > 80:

print("High noise level detected!")

# Implement actions to mitigate noise pollution here

else:

print("Noise level within acceptable range.")

# Main program loop

while True:

noise\_level = get\_noise\_level()

analyze\_noise\_level(noise\_level)

time.sleep(5) # Adjust the time interval as per your requirements