PYTHON SCRIPT

```
import requests
import time

# Function to read water level from the sensor (Replace with actual sensor code)
def read_water_level():
 # Implement code to read water level from your IoT sensor here
 # Replace this with actual sensor interaction code
  # Example: water_level = sensor.read_water_level()
    water_level = 42.5  # Example water level value
    return water_level

# Function to send data to the early warning platform
def send_data_to_early_warning_platform(water_level):
# Define the early warning platform API endpoint
    api_url = 'https://your-early-warning-platform-api-endpoint.com/data'
# Prepare the data payload
    data = {
        'sensor_id': 'sensor1',  # Replace with your sensor's unique identifier
        'water_level': water_level,
        'timestamp': int(time.time())
    }

    try:
# Send a POST request to the early warning platform
        response = requests.post(api_url, json=data)

# Check the response status code
        if response.status_code == 200:
            print(f"Data sent successfully: {data}")
        else:
            print(f"Failed to send data. Status Code: {response.status_code}")
    except Exception as e:
        print(f"Error sending data: {str(e)}")

if __name__ == '__main__':
    while True:
 # Read water level from the sensor
        water_level = read_water_level()

 # Send the water level data to the early warning platform
        send_data_to_early_warning_platform(water_level)

 # Set the interval for data collection and transmission (e.g., 5 minutes)
        time.sleep(300)
```