**1. Install Python on the Server**

Since your server runs in **VirtualBox**, ensure Python is installed.

**Check if Python is installed:**

1. Open **Command Prompt** (Win + R, type cmd, hit Enter).
2. Run:

sh

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python --version

or

sh

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py --version

If Python is not installed, download and install it from [**Python.org**](https://www.python.org/downloads/).

**2. Install Required Libraries**

Your script uses requests and mysql-connector-python. Install them:

sh

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Warning: if it is not recognize follow where python installed (script folder):

C:\Users\Administrator\AppData\Local\Programs\Python\Python312\Scripts\

**pip install requests mysql-connector-python**

If pip is not recognized, try:

sh

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python -m pip install requests mysql-connector-python

**3. Transfer Your Script to the Server**

Move your **sms\_trigger.py** file to the server.

* **Recommended location:**  
  C:\Users\Administrator\Documents\sms\_trigger.py
* If you're using **WinSCP, FileZilla, or RDP**, copy the file to the server.

**4. Run the Script Manually to Test**

Open **Command Prompt** and navigate to the script’s location:

sh

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cd C:\Users\Administrator\Documents

Run the script:

sh

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python sms\_trigger.py

If everything is correct, it should start processing SMS messages.

**5. Automate the Script to Run at Startup**

To ensure the script **runs automatically when the server starts**, use **Task Scheduler**.

**Steps to Create a Scheduled Task:**

1. **Open Task Scheduler** (Win + R, type taskschd.msc, press Enter).
2. Click **"Create Basic Task"** (on the right panel).
3. Name it **"SMS Automation"**, then click **Next**.
4. **Trigger:** Choose **"When the computer starts"** → Click **Next**.
5. **Action:** Select **"Start a Program"** → Click **Next**.
6. **Program/script:** Browse and select python.exe (e.g., C:\Python312\python.exe).
7. **Add arguments:**

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"C:\Users\Administrator\Documents\sms\_trigger.py"

1. Click **Finish**.

**6. Ensure the Script Restarts if It Fails**

* Open the newly created task in **Task Scheduler**.
* Go to the **"Settings"** tab.
* Enable:
  + **"If the task fails, restart every"** → 1 minute
  + **"Attempt to restart up to"** → 3 times

**7. Test Automatic Startup**

* **Restart the server** to verify if the script runs automatically.
* Check **Task Scheduler → Last Run Time** to confirm execution.

**✅ Your SMS script is now fully automated on the server!**

Let me know if you need changes. 🚀