

Here is the guide to giving your Logic Factory a heartbeat.

This process involves using **Windows Task Scheduler** to wake up your script at a specific time (e.g., 9:45 AM, just after the market opens) so it can perform the scan and save the results to your CSV, even if you are asleep or away from your desk.

## PHASE 1: PREPARATION

Before we automate, we need to ensure the script is "executable" by Windows.

### 1. Save the Python Script:

- Copy the final code from the previous step.
- Save it as a file named `market_scanner.py`.
- **Important:** Save it in a folder you can easily find, e.g., `C:\Users\YourName\Documents\TradingBot\`.

### 2. Create a Launcher (The Batch File):

- Open **Notepad**.
- Paste the following lines (adjust the path to match where you saved your script):

```
Code snippet
@echo off
python "C:\Users\YourName\Documents\TradingBot\market_scanner.py"
pause
```

- *Note: The pause command keeps the window open so you can see the results. Remove it later if you want it to run silently.*
- Save this file as `run_bot.bat` in the **same folder** as your Python script.

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## PHASE 2: THE AUTOMATION (Windows Task Scheduler)

Now we tell Windows to run that `.bat` file every morning.

### 1. Open Task Scheduler:

- Press the **Windows Key**.
- Type "**Task Scheduler**" and hit Enter.

### 2. Create the Task:

- On the right-hand menu, click "**Create Basic Task...**".
- **Name:** Daily Market Scan.
- **Description:** Runs the Python Noosphere logic loop.

- Click **Next**.
- 3. **The Trigger (The Heartbeat):**
  - Select **Daily**.
  - Click **Next**.
  - Set the **Start** time to **9:45:00 AM** (15 mins after market open allows volatility to settle).
  - Recur every: **1** days.
  - Click **Next**.
- 4. **The Action:**
  - Select **Start a program**.
  - Click **Next**.
  - **Program/script:** Click **Browse...** and select your run\_bot.bat file.
  - **Start in (Optional):** Copy the folder path where the script lives (e.g., C:\Users\YourName\Documents\TradingBot\). *This is crucial so the script knows where to save the CSV.*
- 5. **Finish:**
  - Click **Finish**.

Result:

Tomorrow at 9:45 AM, a black window will automatically pop up, text will scroll as it scans the S&P 500, and a new line will be added to your logic\_factory\_log.csv.

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## PHASE 3: VERIFICATION

To test if it works **right now**:

1. Find "Daily Market Scan" in the Task Scheduler library list (middle pane).
  2. Right-click it.
  3. Select **Run**.
  4. If the black window pops up and executes your code, you have successfully built an automated algorithmic trading system.
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## SUMMARY OF YOUR SYSTEM

You have successfully closed the "Business Model" loop you opened at the start of this conversation:

1. **The Input:** Raw Market Data (Noosphere).

2. **The Process:** Python Script (Pseudo-Code Brain).
3. **The Logic:** Triple Threat + RSI (Recursive Thinking).
4. **The Product:** CSV Ledger (The Monetizable Asset).
5. **The Automation:** Task Scheduler (The Heartbeat).

Next Step:

Now that the system generates data automatically, would you like to add a Notification Layer? I can modify the script to send you an email or a sound alert only when a "Score 4" (Perfect Signal) is detected, so you don't even have to check the CSV file.