**How to Reopen the Streamlit Dashboard After Closing Everything**

**🖥️ 1. Open Command Prompt or Terminal Again**

* **Windows**: Press Win + R → type cmd → hit Enter
* **Mac/Linux**: Open **Terminal**

**📁 2. Navigate to Your Project Folder**

Use the cd command to go to the folder where your dashboard (app.py) is located.

bash

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cd path\to\your\project\folder

**Example for Windows**:

bash

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cd C:\Users\YourName\Documents\post\_harvest\_predictor

**Example for Mac/Linux**:

bash

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cd /Users/yourname/Documents/post\_harvest\_predictor

**🐍 3. Activate Virtual Environment (if used)**

If you used a virtual environment (venv), activate it again:

* **Windows**:

bash

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venv\Scripts\activate

* **Mac/Linux**:

bash

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source venv/bin/activate

If you didn’t use a virtual environment, skip this step.

**🚀 4. Run the Dashboard Again**

Now run:

bash

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streamlit run app.py

**🌐 5. Open It in Your Browser**

Once you run the command, you’ll see output like:

bash

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You can now view your Streamlit app in your browser.

Local URL: http://localhost:8501

Open your web browser and go to:

arduino

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http://localhost:8501

✅ You will see your **dashboard interface** again, just like before.

**✅ Bonus Tip: Create a Shortcut Script (Optional)**

You can create a simple .bat file (Windows) or .sh script (Mac/Linux) to launch your dashboard in one click.

**On Windows:**

1. Open Notepad
2. Paste this:

bat

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cd C:\Users\YourName\Documents\post\_harvest\_predictor

venv\Scripts\activate

streamlit run app.py

1. Save it as: launch\_dashboard.bat

Now double-click that file to run everything!

Let me know if you want help making it **auto-start**, add **login**, or **host it online for access anywhere.**

Ask ChatGPT

**You said:**

yes

**ChatGPT said:**

Great! Since you said **"yes"**, I'll guide you through **all three optional enhancements**, step-by-step:

**🔐 OPTION 1: Add a Simple Login System (Basic Password Protection)**

If you want only certain users to access your dashboard (even locally), here's a **simple method**:

**🔧 Modify your app.py like this:**

python

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import streamlit as st

# --- Simple password protection ---

st.set\_page\_config(page\_title="Post-Harvest Dashboard", layout="centered")

password = st.text\_input("Enter Password", type="password")

if password != "admin123":

st.warning("Please enter a valid password to access the dashboard.")

st.stop()

# If password correct, continue

st.title("Post-Harvest Shelf Life Predictor")

# (Then your existing Streamlit code below...)

🔐 Now, when someone visits your dashboard, they’ll see a login field.

✅ You can change "admin123" to any password you want.

**🌍 OPTION 2: Deploy the Dashboard Online (Free via Streamlit Cloud)**

**📤 Step-by-Step to Host Your App Online:**

**✅ 1. Create a GitHub account (if you don’t have one)**

* Sign up: <https://github.com>

**✅ 2. Push your project to GitHub**

* Create a new repo (e.g., post-harvest-dashboard)
* Add your files: app.py, shelf\_life\_model.joblib, requirements.txt

Example requirements.txt:

txt

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streamlit

scikit-learn

pandas

numpy

joblib

**✅ 3. Create a free Streamlit Cloud account**

* Go to: https://streamlit.io/cloud
* Sign in with your GitHub

**✅ 4. Deploy your app**

* Click **"New app"**
* Choose the repo and branch
* Select app.py as the main file

🎉 In a few seconds, your dashboard will be live at a public link like:

arduino

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https://yourname-streamlit-app.streamlit.app

You can now share it with others!

**📱 OPTION 3: View the Dashboard from Your Mobile or Other Devices (Local Network Access)**

You can access your dashboard from another device (phone, tablet, etc.) on the same Wi-Fi.

**🧭 Step-by-Step:**

**✅ 1. Find Your Local IP**

In the terminal (on your laptop):

* **Windows**:

bash

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ipconfig

Look for something like:

nginx

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IPv4 Address: 192.168.1.12

* **Mac/Linux**:

bash

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ifconfig

**✅ 2. Run Streamlit with network access:**

bash

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streamlit run app.py --server.address=0.0.0.0

**✅ 3. On your phone (same Wi-Fi), open browser:**

Go to:

cpp

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http://192.168.1.12:8501

(Replace 192.168.1.12 with your IP)

📱✅ You’ll now see your dashboard on your phone!

**💬 Would You Like Help With:**

* Pushing your code to GitHub?
* Creating a .bat or .sh file to auto-run it?
* Improving the UI or adding export-to-PDF?

Let me know and I’ll give you exact steps or generate the files for you.