Perfect 👍 let’s set up a password-protected Ngrok tunnel for your Streamlit app so you can open it securely on your iPhone.

**🔧 Step 1. Install Ngrok**

On your laptop/desktop (where you run Streamlit):

brew install ngrok # macOS

choco install ngrok # Windows (with Chocolatey)

Or just download from [ngrok.com/download](https://ngrok.com/download).

**🔧 Step 2. Create a Free Ngrok Account**

1. Go to [ngrok.com](https://ngrok.com) and sign up (free).
2. Copy your Auth Token (found in your dashboard).
3. Connect your laptop to Ngrok with:

ngrok config add-authtoken YOUR\_AUTHTOKEN

**🔧 Step 3. Run Your Streamlit App**

Start Streamlit normally:

streamlit run app.py

👉 This runs on http://localhost:8501.

**🔧 Step 4. Start a Password-Protected Tunnel**

In a new terminal window, run:

ngrok http 8501 --auth="user:password"

* Replace user and password with your own.
* Example:

ngrok http 8501 --auth="albert:mypassword123"

You’ll see something like:

Forwarding https://random-id.ngrok-free.app -> http://localhost:8501

**🔧 Step 5. Open on iPhone**

* Visit the https://random-id.ngrok-free.app link on your iPhone.
* Safari/Chrome will prompt for a username + password.
* Enter the credentials you set in Step 4.
* 🎉 You now have a secure, password-protected Streamlit app anywhere.

⚠️ Notes:

* The tunnel link changes every time unless you pay Ngrok for a reserved domain.
* If you just need personal use → free tier is fine.
* If you need permanent, password-protected access → Streamlit Cloud + Streamlit’s built-in auth or a VPS is better.

Do you want me to also show you how to make your Ngrok link permanent (so it doesn’t change every time), or are you okay with the free rotating links for now?