On local host

cd "C:\Users\chris\OneDrive\Desktop\GCU\a DSC 580\churn pre"

streamlit run churn\_dash.py

**Deploying Your Churn Prediction App on Streamlit Cloud**

**🚀 Steps to Host on Streamlit Cloud**

**1️⃣ Push Your Code to GitHub**

Streamlit Cloud requires your app to be in a **GitHub repository**.

1. **Create a GitHub repository** (if you don’t have one yet).
   * Go to GitHub and create a new repo (e.g., churn-prediction-app).
   * Initialize it with a README.md (optional).
2. **Push your project files to GitHub**:

Open **Command Prompt (CMD) or Terminal**, then navigate to your project folder:

cd "C:\Users\chris\OneDrive\Desktop\GCU\a DSC 580\churn pre"

Run these commands to upload your project:

git init

git add .

git commit -m "Initial commit - Churn Prediction App"

git branch -M main

git remote add origin https://github.com/YOUR-GITHUB-USERNAME/churn-prediction-app.git

git push -u origin main

🔹 Replace **YOUR-GITHUB-USERNAME** with your actual GitHub username.

**2️⃣ Set Up Streamlit Cloud**

1. **Go to Streamlit Cloud**:  
   🔗 [Streamlit Cloud](https://share.streamlit.io/)
2. **Log in with your GitHub account.**
3. **Click "New App"** and select your **churn-prediction-app** repo.
4. **Fill in the deployment details**:
   * **Repository**: Select your GitHub repository.
   * **Branch**: Choose main.
   * **File path**: Enter churn\_dash.py (or the name of your Streamlit script).
   * Click **"Deploy"**.

**3️⃣ Set Up requirements.txt**

Streamlit Cloud needs to know which **Python packages** to install.

1. **Create a requirements.txt file** in your project folder:
2. touch requirements.txt
3. **Add the following dependencies** to the requirements.txt file:
4. streamlit
5. pandas
6. numpy
7. seaborn
8. matplotlib
9. scikit-learn
10. tensorflow
11. **Push requirements.txt to GitHub**:
12. git add requirements.txt
13. git commit -m "Added requirements file"
14. git push origin main

**4️⃣ Get Your Public URL**

Once Streamlit Cloud deploys the app, it will **provide a public URL** (e.g., https://your-app-name.streamlit.app).

💪 **Share this URL with your instructor** so they can view the app.

**✅ Bonus: Update Your App**

Whenever you make changes:

git add .

git commit -m "Updated app"

git push origin main

Streamlit Cloud will **automatically redeploy** the latest version.

🌟 **Done!**  
Your **Churn Prediction App** is now live and accessible via a public link! 🚀🔥

Let me know if you need any help! 😊