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**Create And Deploy a Web App on Streamlit Cloud**

1. **Prepare Your Streamlit Application**

* Ensure Your App Works Locally
* Open a terminal and run
* 
* Verify that your Streamlit app is running correctly in your web browser.

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1. **Connecting local app to GitHub for version control**

* Create a New Repository
* Click “New” to create a new repository.
* Fill in the repository name (ChatBot-Development-and-Research), description and choose visibility (public or private).
* Click “Create repository”.

A screenshot of a computer

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1. **Push Your Code to GitHub**

* Open a terminal in your project directory.
* Initialize a Git repository (if not already done)
* 
* Add your files to the repository
* 
* Commit your changes:
* 
* Add the remote repository URL
* 
* Push your code to GitHub:
* 

1. **Deploy on Streamlit Cloud**

* Sign Up to Streamlit Cloud with GitHub account for easier access.
* Click on “New app” on your Streamlit Cloud dashboard.
* Then click on Then click on Yes, I have an app.

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* If prompted, authorize Streamlit Cloud to access your GitHub repositories.
* Choose the repository you created earlier.
* Select the branch you want to deploy from (‘master’in our case).
* Specify the path to your Streamlit app file (e.g., app.py).
* Configure custom domain(optional).

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* Click “Deploy”.
* Streamlit Cloud will automatically install the dependencies listed in your requirements.txt and deploy your app.
* Our deployed web app-

<https://chatbot-development-and-research.streamlit.app/>

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