

# LLM Apps

Basic Streamlit

# Notes

- From an editor, not from a Jupyter notebook.

# Basic structure

- .env
- requirements.txt
  - module\_name==version\_number
  - pip install requirements.txt
- main.py

# Basic Streamlit

- <https://docs.streamlit.io/library/get-started>
- `st.title("App title")`
- `st.sidebar.title("Sidebar title")`
- `st.sidebar.text_input("Enter text here")`
- `button_click = st.sidebar.button("Click Here")`
  - If `button_click`:
    - `Do_whatever`
- `streamlit run main.py`

# Terminal

- `pyenv virtualenv 3.11.14 envname`
- `pyenv activate envname`
- `pip install -r requirements.txt`
- `streamlit run main.py`

# Publish your app on Streamlit's Cloud

After you've built a Streamlit app, it's time to share it! To show it off to the world you can use Streamlit Community Cloud to deploy, manage, and share your app for free.

It works in 3 simple steps:

1. Put your app in a public GitHub repo (and make sure it has a requirements.txt!)
2. Sign into [share.streamlit.io](https://share.streamlit.io)
3. Click 'Deploy an app' and then paste in your GitHub URL