# Prototype Deployment Options

## Streamlit Sharing

* Seems like the best [fit](https://blog.streamlit.io/deploy-a-private-app-for-free/)
* Github [License](https://docs.github.com/en/site-policy/github-terms/github-terms-of-service#d-user-generated-content)
  + “You retain ownership of and responsibility for Your Content”
  + “GitHub considers the contents of private repositories to be confidential to you.”
* Streamlit Sharing [license](https://streamlit.io/terms-of-use)
  + “Streamlit does not claim any ownership rights in any User Content and nothing in these Terms will restrict any rights that you may have to use and exploit your User Content. By making any User Content available through the Support Services you grant to us a non-exclusive, transferable, worldwide, royalty-free license, with the right to sublicense, to use, copy, modify, create derivative works based upon, distribute, publicly display, and publicly perform your User Content in connection with operating and providing the Support Services.”
  + ChatGPT J.D. [interpretation](https://chat.openai.com/share/2f8fcf9e-c287-48ce-b280-5a0f7d4dbf06)

## Google Colab

* Free
  + Max 12 hour session
  + Was able to upload LT-LEDS docs (0.25 GB) but it took 5-10 minutes
    - NDC docs are >1GB
* [Rights](https://policies.google.com/terms?hl=en#license): “[Your content](https://policies.google.com/terms?hl=en#footnote-your-content) remains yours, which means that you retain any [intellectual property rights](https://policies.google.com/terms?hl=en#footnote-intellectual-property-rights) that you have in your content.”

## Binder

* [Free](https://mybinder.readthedocs.io/en/latest/about/user-guidelines.html) but limited computational resources. Would have to try it out.
  + 1-2GB of RAM
* Open source; no mention of retaining or surrendering ownership when posting

## Github Codespace

* Primarily for developers; we would pay for each additional user we grant access to
* [Pricing](https://github.com/pricing/calculator): $0.18/hour for lowest computing power, $0.07/GiB/month
  + Pay per user