Streamlit

Run it with streamlit run:

streamlit run your_script.py [-- script args]

- Streamlit apps are Python scripts that run from top to bottom
- Every time a user opens a browser tab pointing to your app, the script is re-executed
- As the script executes, Streamlit draws its output live in a browser
- Scripts use the Streamlit cache to avoid recomputing expensive functions, so updates happen very fast
- Every time a user interacts with a widget, your script is re-executed and the output value of that widget is set to the new value during that run.
- Streamlit apps can contain multiple pages, which are defined in separate .py files in a pages folder.

Cache

cache data 1 | cache data 2 | cache data 3 | cache data 4 | cache data 5
cache data 6 | cache data 7 | cache data 8 | . . . .

Run the script → app state → Render the app → user event → Rerun the script with new state → app state → Update the app (as needed)

time

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