

How to Use Streamlit to Launch Your First Portfolio Project

Streamlit is a powerful open-source Python library that helps you build interactive web apps for data science with minimal code.

Why Use Streamlit for Your Portfolio?

- Easy to learn and fast to build apps.
- Turn any Python script into a web app in seconds.
- Great for showcasing your data skills in resumes and job interviews.

Steps to Create Your First Streamlit Project:

1. Choose a dataset you're familiar with (e.g., sales, customer data, movies).
2. Use Pandas to load and clean the data.
3. Use Plotly or Matplotlib to build simple visuals (bar, line, pie charts).
4. Use Streamlit widgets to make it interactive (sliders, dropdowns).
5. Run the app with 'streamlit run app.py'.

Hosting Options:

- Use Streamlit Community Cloud (free).
- Share your GitHub link and deploy with one click.

Tips for Your Portfolio App:

- Add your name and contact in the app.
- Focus on clear visuals and explanations.
- Include a README file with instructions and insights.

You're now ready to impress recruiters and show off your skills!