

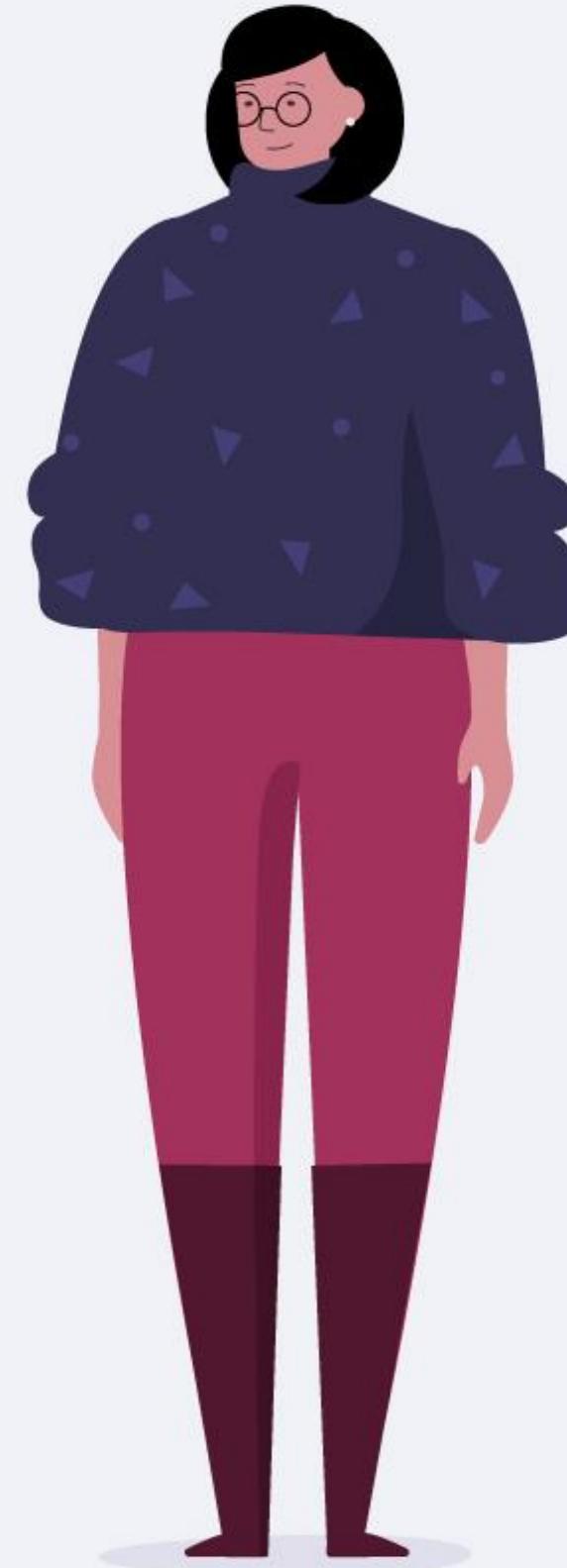
Deploying Streamlit Web Applications



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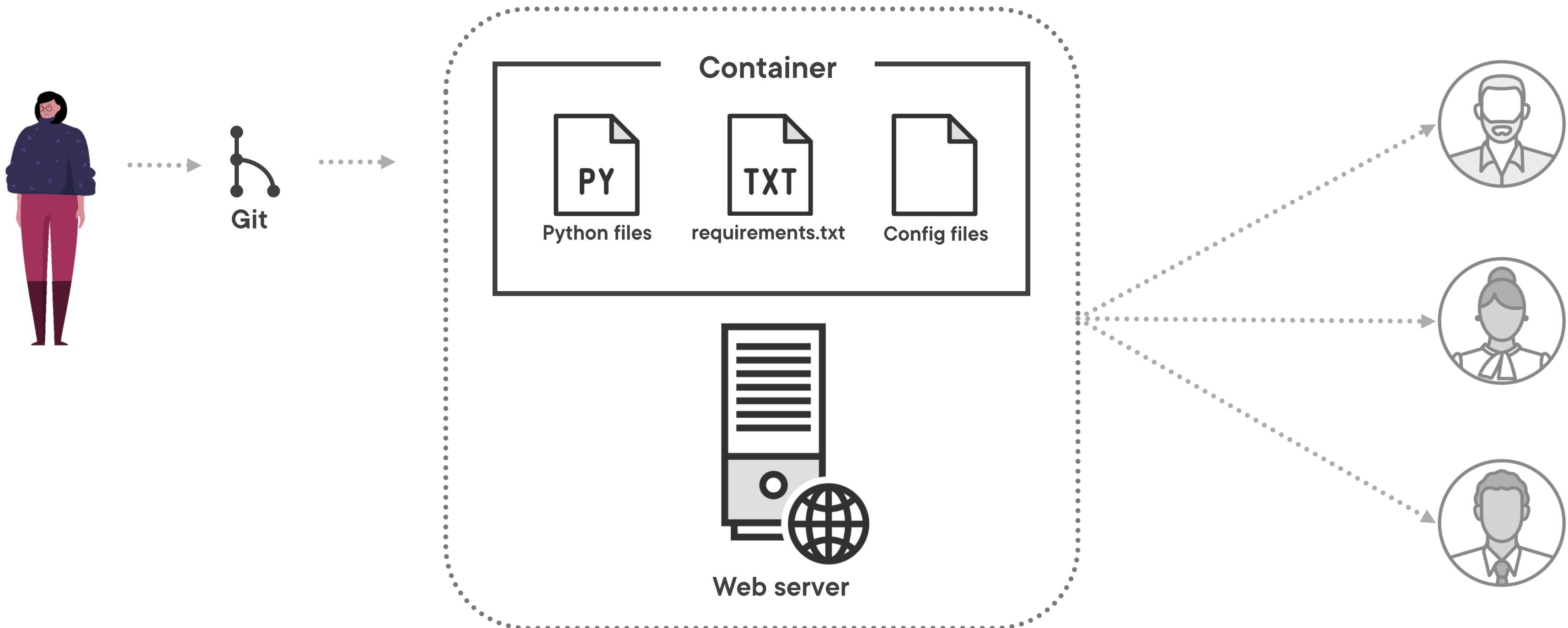


Understand deployment options

Deploy a Streamlit web application to Heroku

Simple way to protect a page with a password

High-level App Deployment Overview



Deployment Options

Any cloud provider

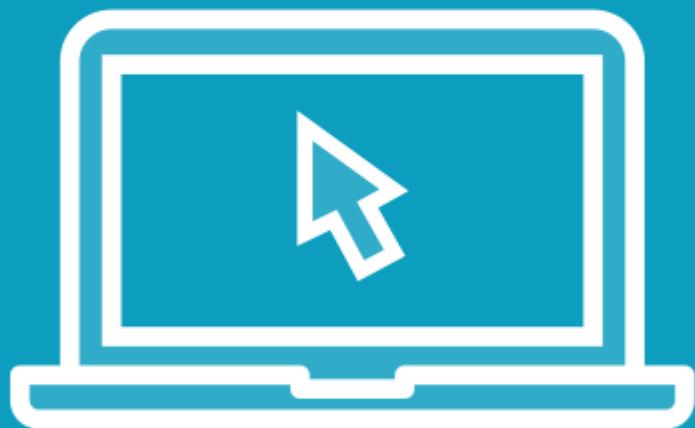
- ‘Streamlit Sharing’ for open source apps
- Upcoming ‘Streamlit for Teams’

Community resources

- Check
<https://discuss.streamlit.io/t/streamlit-deployment-guide-wiki/>

Always check deployment policies!

Demo



- **Deploy to Heroku**
- **Initial deployment**
 - **Add requirements.txt**
 - **Add Procfile**
 - **Add files to Git repository**
 - **Create a new Heroku app**
 - **Deploy from Git into the Heroku app**

Simple Way to Protect a Page with a Password

Some content needs to be protected

Options

- Upcoming ‘Streamlit for Teams’
- Use a separate authentication provider
- Basic workaround with a text input widget

Course Overview



- Getting started with Streamlit
- Building very simple web applications
- Building more web applications
- Extending Streamlit web applications
- Deploying Streamlit web applications



Success!

What Is Next?

Build web interfaces with Streamlit

Heroku

- Check ‘Developing and Running Applications on Heroku’ skill path

PyCharm

- Check ‘Boost Data Science Productivity with PyCharm’ course

Feedback