

# Deploying Streamlit Web Applications

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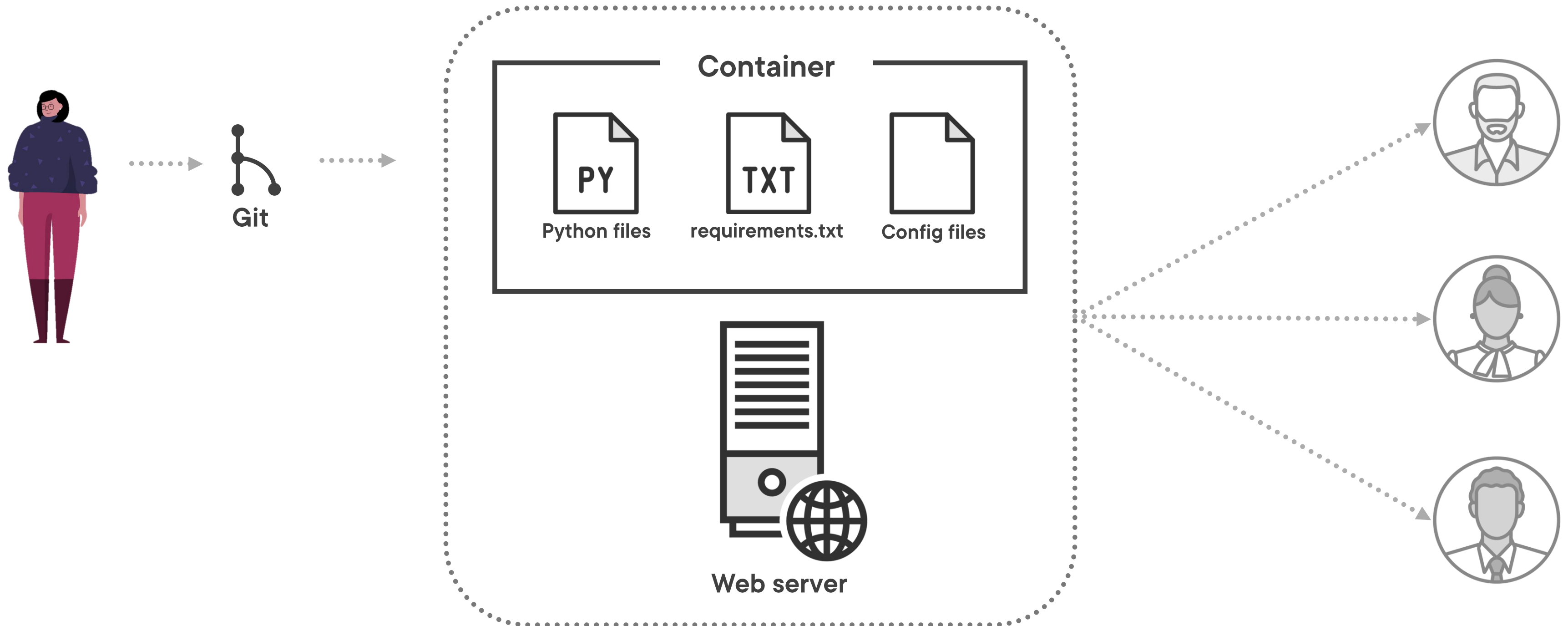


**Understand deployment options**

**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**

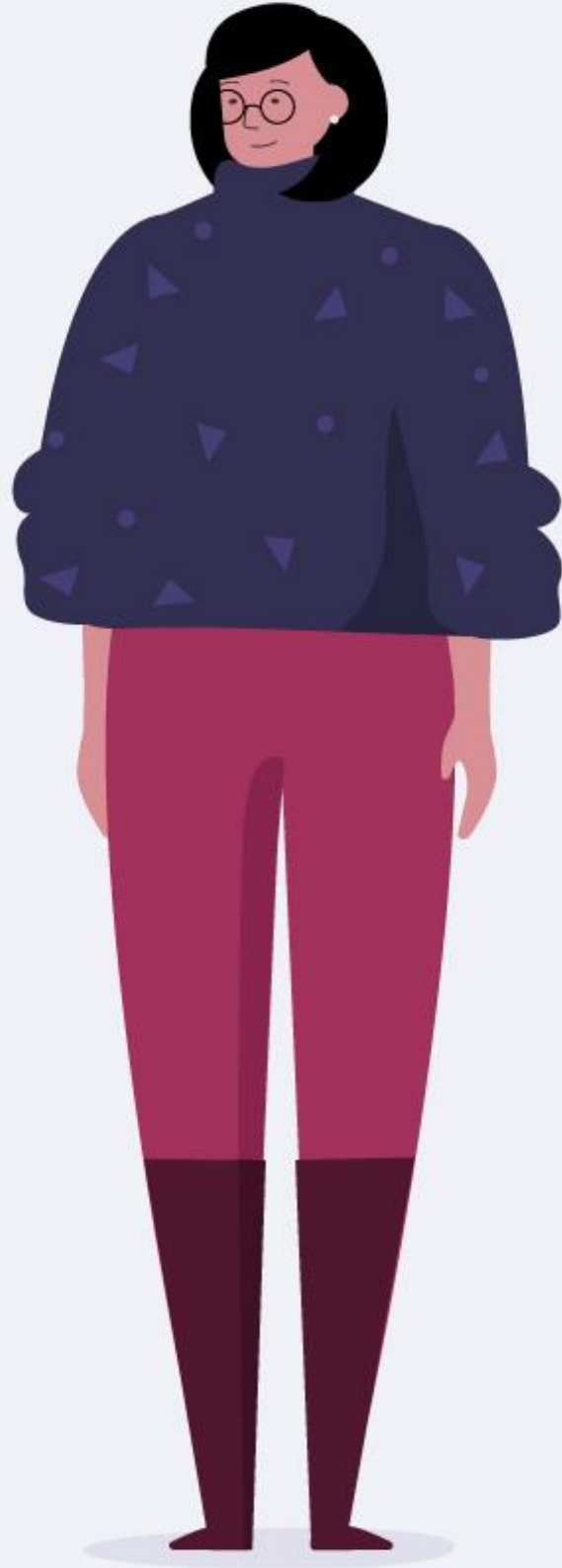
## **Options**

- **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**