

Hands-On: Federated Setup



Flower

Friendly FL framework with simple API

```
pip install flwr  
flwr.client.start()
```



PySyft

Privacy-preserving ML library

```
pip install syft  
sy.VirtualMachine()
```



Setup Steps

- 1 Install framework (Flower/PySyft)
- 2 Define model architecture
- 3 Configure server & clients
- 4 Implement training loop
- 5 Run federated training
- 6 Evaluate global model