

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