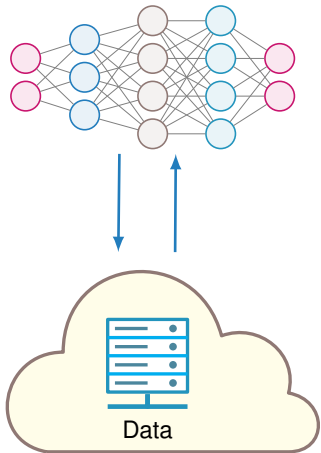
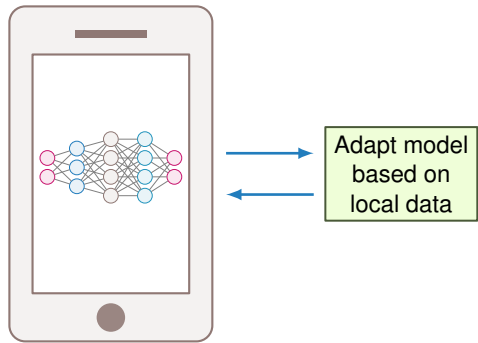


### Offline learning

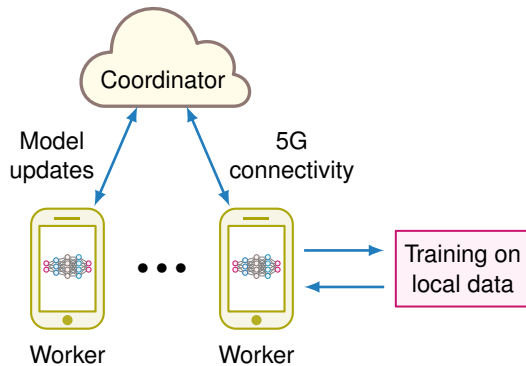


### On-device learning



Locally adapt once to a few samples (e.g., few shot learning) or continuously (e.g., unsupervised learning)

### Federated learning



Aggregate model updates across multiple users to globally improve model from more diverse data