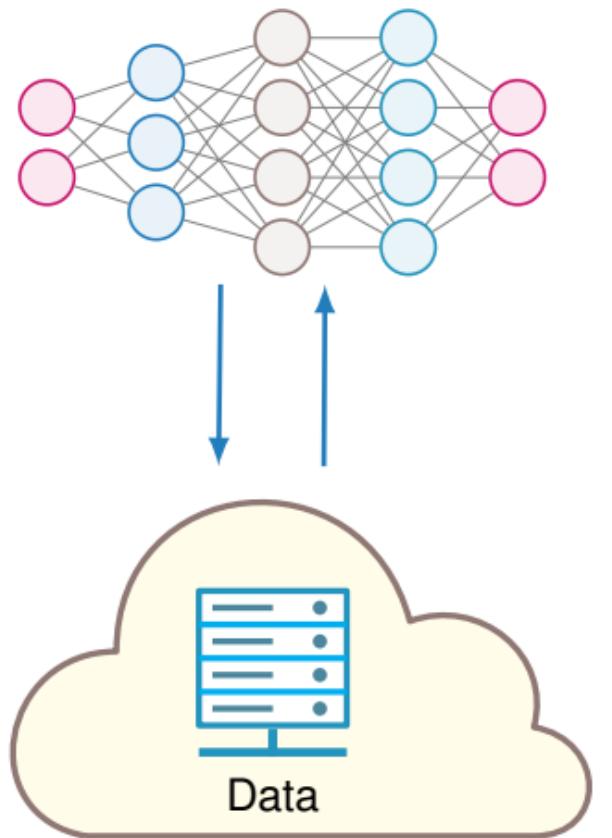
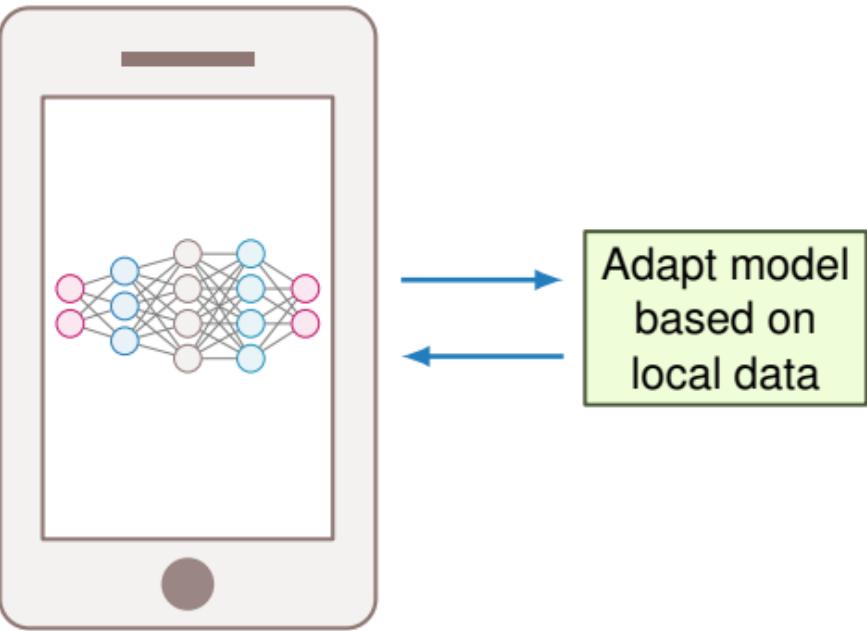


Offline learning

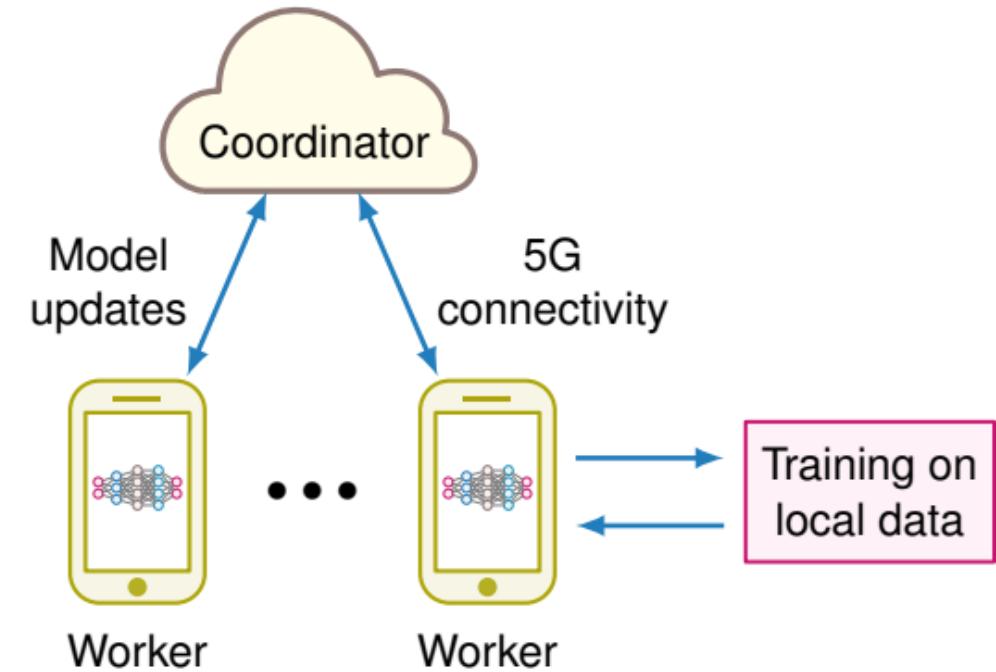


On-device learning



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