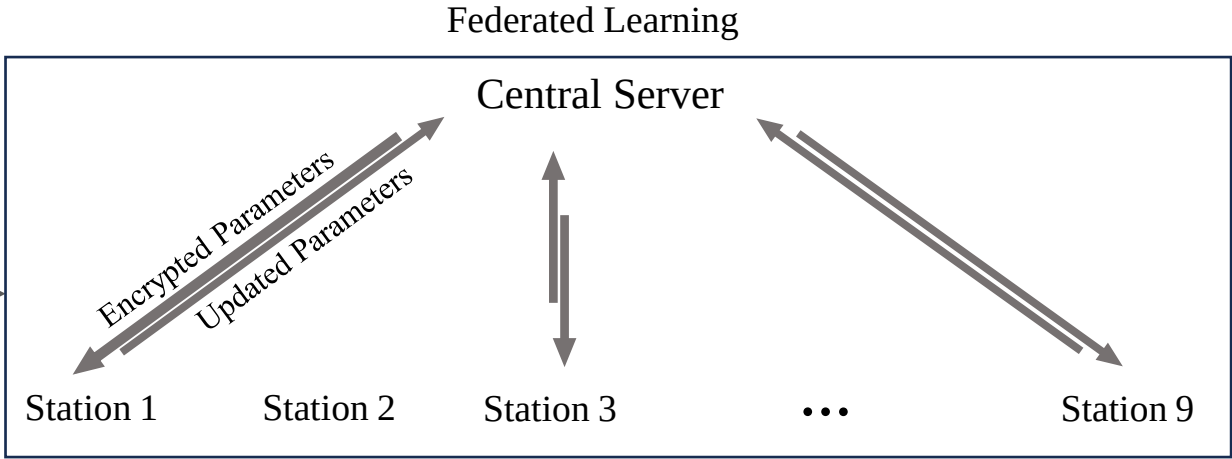


Imbalanced data: Stations collect data from local observations sites. The data is split 70/10 percent for training and validation. 20 percent of the data from the stations is used for testing in the central server.

- Conditional Generative Adversarial Networks
- Synthetic Minority Over-sampling
- Minority Over-sampling Generative Adversarial Networks
- Synthetic Minority Over-sampling-Generative Adversarial Networks
- Wasserstein Generative Adversarial Networks with Gradient Penalty



Balanced data is stored in the local stations for training and validation.

Test data is classified using the global model in the central server.

