10.1145/3298981

Federated Machine Learning, introduced by Choodyle in 2016, is a ML technique, that trains an algorithm across multiple decentralized edge devices or servers holding local data samples without exchanging them. F.L enables multiple devices to build a common, robust ML model without devices to build a common, robust ML model without sharing data, solving issues like data-privacy, data-security, sharing data, solving issues like data-privacy, data-security, data-access rights & heterogeneous data.

This paper is bored on the concept of secure Federated Learning. It talks about the various concepts of security in FL like

- · Secure Multiparty Computation (smc)
- · Differential Drivary
- · Homomorphic Energption
- · Indirect Information Leakage

Most, we have the categories of F.L

- · Horizontal F.L
- · vertical Fil
- · Federated Transfer Learning

The paper also discusses the basic implementation & theoretical aspects of these usecases of Fil

The next section describes the various applications of F.L

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