

Seminar Talk: “Enterprise Federated Learning: Challenges and Solutions” (Speaker: Dr. Dinesh Verma)

Matthew Whitesides

Abstract

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I. INTRODUCTION AND BACKGROUND

FEDERATED machine learning is collaborative training where training data is not exchanged in order to overcome constraints on training data sharing (policy, security, coalition constraints) and/or insufficient network capacity that are prevalent at the networks edge nodes. As opposed to standard machine learning approaches that require centralizing the training data on one machine or network datacenter.

II. RESEARCH CONTRIBUTIONS

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III. RESULTS

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IV. LESSONS LEARNED

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V. CONCLUSION

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