Edge Learning for Distributed Big Data Analytics

Discover this multi disciplinary and insightful work, which integrates machine learning, edge computing, and big data. It presents the basics of training machine learning models, key challenges and issues, as well as comprehensive techniques including edge learning algorithms and system design issues. The volume describes architectures, frameworks, and key technologies for learning performance, security, and privacy, as well as incentive issues in training/inference at the network edge. It is intended to stimulate fruitful discussions, inspire further research ideas, and inform readers from academia and those having an industry background. It is an essential read for experienced researchers and developers, as well as for those who are just entering the field.

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Theory, Algorithms, and System Design

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