Machine Learning Algorithms Using Scikit and TensorFlow Environments
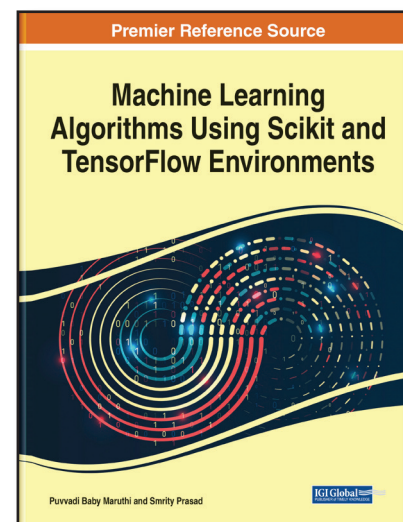
Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Puvvadi Baby Maruthi (Dayananda Sagar University, India) and Smrity Prasad (Dayananda Sagar University, India)

Premier Reference Source

Machine Learning Algorithms Using Scikit and TensorFlow Environments

Puvvadi Baby Maruthi and Smrity Prasad

Description:

Machine learning is able to solve real-time problems. It has several algorithms such as classification, clustering, and more. To learn these essential algorithms, we require tools like Scikit and TensorFlow.

Machine Learning Algorithms Using Scikit and TensorFlow Environments assists researchers in learning and implementing these critical algorithms. Covering key topics such as classification, artificial neural networks, prediction, random forest, and regression analysis, this premier reference source is ideal for industry professionals, computer scientists, researchers, academicians, scholars, practitioners, instructors, and students.

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Hardcover: $270.00	**Softcover:** $205.00	**E-Book:** $270.00	**Hardcover + E-Book:** $325.00

Topics Covered:

- Artificial Neural Networks
- Classification
- Convolution Neural Network
- Decision Tree
- Ensemble Learning
- Machine Learning
- Neural Networks
- Prediction
- Random Forest
- Regression Analysis
- Scikit
- Support Vector Machine

Subject: Computer Science and Information Technology

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners