Machine Learning, Data Mining, Big Data, and Artificial Intelligence

By Taghi M. Khoshgoftaar

Machine learning, data mining, Big Data, and artificial intelligence are radically shaping our technology and lives with wide ranging applications including speech to text on our phones, self-driving cars, health, and fraud detection. This presentation provides an overview of current and recent research conducted by FAU's NSF Big Data Training and Research Laboratory. Topics include Big Data and Healthcare, rarity and class imbalance in Big Data, text mining, evaluation of commodity markets, fraud detection, social media, and deep learning.

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