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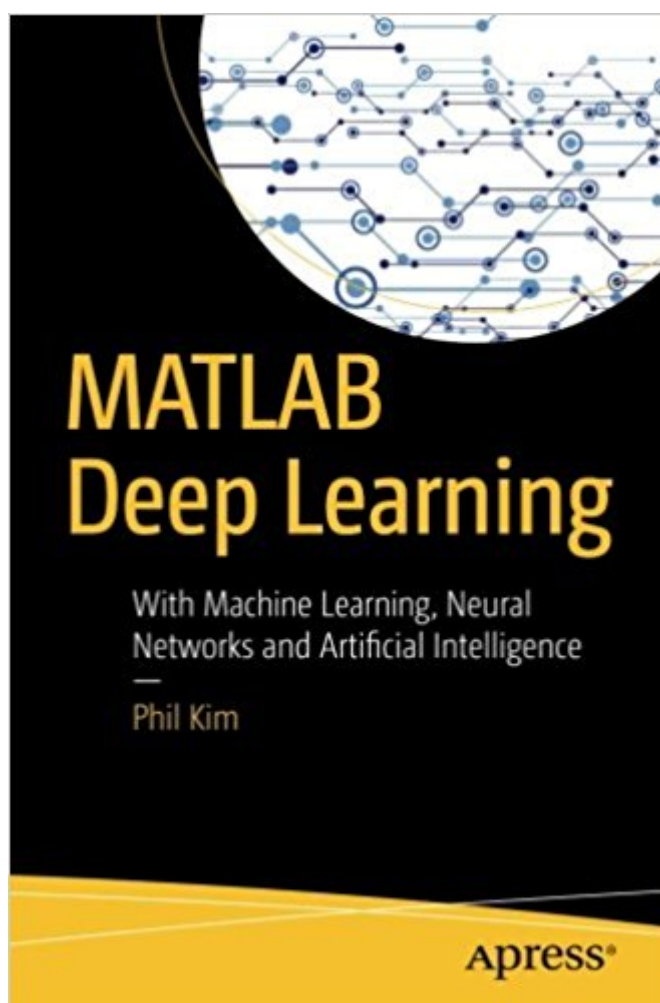
MATLAB Deep Learning: With Machine Learning, Neural Networks And Artificial Intelligence

MATLAB
Deep Learning

With Machine Learning, Neural
Networks and Artificial Intelligence
—
Phil Kim

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Synopsis

Get started with MATLAB for deep learning and AI with this in-depth primer. In this book, you start with machine learning fundamentals, then move on to neural networks, deep learning, and then convolutional neural networks. In a blend of fundamentals and applications, MATLAB Deep Learning employs MATLAB as the underlying programming language and tool for the examples and case studies in this book. Ã Â With this book, you'll be able to tackle some of today's real world big data, smart bots, and other complex data problems. YouÃ¢ ¬â„¢ll see how deep learning is a complex and more intelligent aspect of machine learning for modern smart data analysis and usage.What You'll LearnUse MATLAB for deep learningDiscover neural networks and multi-layer neural networksWork with convolution and pooling layersBuild a MNIST example with these layersWho This Book Is ForThose who want to learn deep learning using MATLAB. Some MATLAB experience may be useful.

Book Information

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Customer Reviews

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complex and more intelligent aspect of machine learning for modern smart data analysis and usage.You will:Use MATLAB for deep learningDiscover neural networks and multi-layer neural networksWork with convolution and pooling layersBuild a MNIST example with these layers

Phil Kim, PhD is an experienced MATLAB programmer and user. Ã Â He also works with algorithms of large data sets drawn from AI, machine learning. Ã Â He has worked at Korea Aerospace Research Institute as a Senior Researcher. There, his main task was to develop autonomous flight algorithm and onboard software for unmanned aerial vehicle. An on-screen keyboard program named 'Clickey' was developed by him during his period in PhD program and served as a bridge to bring the author currently to his current assignment as a Senior Research Officer at National Rehabilitation Research Institute of Korea.

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