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Hello,
How can I help you?



Explained For Startups 64 1000 Chatbot Development Explained For

Armando Vieira, Bernardete Ribeiro

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Introduction to Deep Learning Business Applications for Developers Armando Vieira, Bernardete Ribeiro, 2018-05-02

Discover the potential applications challenges and opportunities of deep learning from a business perspective with technical examples These applications include image recognition segmentation and annotation video processing and annotation voice recognition intelligent personal assistants automated translation and autonomous vehicles An Introduction to Deep Learning Business Applications for Developers covers some common DL algorithms such as content based recommendation algorithms and natural language processing You ll explore examples such as video prediction with fully convolutional neural networks FCNN and residual neural networks ResNets You will also see applications of DL for controlling robotics exploring the DeepQ learning algorithm with Monte Carlo Tree search used to beat humans in the game of Go and modeling for financial risk assessment There will also be mention of the powerful set of algorithms called Generative Adversarial Neural networks GANs that can be applied for image colorization image completion and style transfer After reading this book you will have an overview of the exciting field of deep neural networks and an understanding of most of the major applications of deep learning The book contains some coding examples tricks and insights on how to train deep learning models using the Keras framework What You Will Learn Find out about deep learning and why it is so powerful Work with the major algorithms available to train deep learning models See the major breakthroughs in terms of applications of deep learning Run simple examples with a selection of deep learning libraries Discover the areas of impact of deep learning in business Who This Book Is For Data scientists entrepreneurs and business developers

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