

Hands-On Artificial Intelligence for Blockchain

Build powerful applications for Blockchain using Machine Learning



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Converging Blockchain & Machine understanding how to build effective AI applications using Hyperledger, Ethereum, Corda, Chain Core, Quorum, IOTA & You provides smart services within a blockchain ecosystem such as classification, regression, image reputation, detection, recommendation & This guide will give you a headstart in understanding the convergence of artificial cleverness and blockchain. Further familiarising you with various kinds of Hyperledger framework such as Iroha, Fabric, Sawtooth, Indy, and Burrow. You will then understand key principles of artificial neural networks, machine learning, deep learning with real-world good examples. moreKey FeaturesDevelop your abilities by understanding the execution of AI in the blockchainA information to boost your blockchain technologies with research work and make use of casesGet well-versed with AI-Blockchain ecosystem to build your personal smart DappsBook DescriptionBlockchain provides a distributed database of information which are executed and shared among participating parties. natural language processing.We begins by explaining all of the required blockchain ideas such as shared ledgers, distributed ledgers, bitcoin, cryptography and more. You'll then reach grips with open up and private smart blockchains on Ethereum platform. He offers been playing multiple roles as a subject matter professional, chief data scientist, remedy architect, scientist, Asst. models.About the AuthorDr. Lastly, you will learn how to compile, secure and deploy your own smart contracts.By the finish of this book, you will be able to build smart AI systems with the clear convergence of blockchain attributes in it.What you would learnUnderstand Hyperledger framework and its own componentsApplication of blockchain in health care, supply chain, financing, energyChoose neural network like CNN, RNN, autoencoders for applicationsApply AI and DL in blockchain dataset using AI algorithms & modelsGet to grips with AIHPC blockchain capabilitiesApply predictive and sentiment analysis, ARIMA in cryptocurrencyDevelop end to end Decentralized Applications on Ethereum platformWho This Book Is ForThis reserve is for blockchain and AI programmers, data researchers, data engineers and evangelist who wish to bring the energy of artificial cleverness in Blockchain applications. If you want a perfect mixture of theoretical and practical use cases to comprehend how to put into action AI in the blockchain, this book is what you need! He is also a founder of a startup organization i. We covers AIHPC blockchain features for you. Manish Kumar Saraf can be an Artificial Intelligence professional. He has immense understanding of digital transformation, deep learning, and blockchain. He engages himself along the way of ideation, strategic preparing, project designing and era of business with your client, partners, and collaborators. You will notice how the global database will help you in perform better AI analytics, ways to empower blockchain using AI algorithms &e. Having some knowledge of machine learning and cryptography ideas will assist you to get the most out from the book. professor in last 10+ years in various businesses/institutes. DataBrain. He consults the firms and clients to discover the answer to their business problems (data transformation to data monetization) based on AI and Blockchain.Achievements: 9 awards, two media coverage, blogs, and a lot more than 20 outstanding publicationsDomain: Healthcare, currency markets, currency, commodities, finance, banking institutions, insurance, energy, source chainAI: ANN, RNN, CNN, KNN, Autencoder;AlexNet, GoogLeNet, Caffe, Inception, CV etclImage reputation, Sound and

Video deep learning, NLP, churn, ARIMA etcBlockchain: Distributed ledger technology, Wise Contract, Dapp



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