Data Science For Healthcare Methodologies And Applications By Sergio Consoli Diego Reforgiato Recupero Milan Petkoviä

"Reseña del editor This book seeks to promote the exploitation of data science in healthcare systems. The focus is on advancing the automated analytical methods used to extract new knowledge from data for healthcare applications. To do so, the book draws on several interrelated disciplines, including machine learning, big data analytics, statistics, pattern recognition, computer vision, and Semantic Web technologies, and focuses on their direct application to healthcare.Building on three tutorial-like chapters on data science in healthcare, the following eleven chapters highlight success stories on the application of data science in healthcare, where data science and artificial intelligence technologies have proven to be very promising.This book is primarily intended for data scientists involved in the healthcare or medical sector.or. By reading this book, they will gain essential insights into the modern data science technologies needed to advance innovation for both healthcare businesses and patients. A basic grasp of data science is recommended in order to fully benefit from this book.Â Â Contraportada This book seeks to promote the exploitation of data science in healthcare systems. The focus is on advancing the automated analytical methods used to extract new knowledge from data for healthcare applications. To do so, the book draws on several interrelated disciplines, including machine learning, big data analytics, statistics, pattern recognition, computer vision, and Semantic Web technologies, and focuses on their direct application to healthcare.Building on three tutorial-like chapters on data science in healthcare, the following eleven chapters highlight success stories on the application of data science in healthcare, where data science and artificial intelligence technologies have proven to be very promising.This book is primarily intended for data scientists involved in the healthcare or medical sector. By reading this book, they will gain essential insights into the modern data science technologies needed to advance innovation for both healthcare businesses and patients. A basic grasp of data science is recommended in order to fully benefit from this book. BiografÃa del autor **Sergio Consoli** is a Senior Scientist within the Data Science department at Philips Research, Eindhoven, focusing on advancing automated analytical methods used to extract new knowledge from data for health-tech applications. Sergio's education and scientific experience fall in the areas of data science, operations research, artificial intelligence, knowledge engineering, machine learning, and disasters management. He is author of several research publications in peer-reviewed international

journals, edited books, and leading conferences in the fields of his work.**Diego Reforgiato Recupero** is Associate Professor at the Department of Mathematics and Computer Science of the University of Cagliari, Italy. His interests span from Semantic Web, graph theory and smart grid optimization to sentiment analysis, data mining, big data, machine and deep learning and natural language processing. He is also affiliated within the ISTC institute at the National Research Council (CNR) and co-founder of six ICT companies two of which are university spin-offs. He is author of more than 90 journal, conference papers and book chapters in his research domains.**Milan Petkoviä** is the head of the Data Science department in Philips Research which conducts innovation projects for Philips in the domain of data analytics, advanced data management and security. He is also a part-time full professor at the Eindhoven University of Technology. Among his research interests are data science, big data analytics, information security and privacy protection. Milan is also a vice president of the Big Data Value Association, which supports big data public private partnership. He has published more than 50 journal and conference papers as well as several books including a book on â€œSecurity, Privacy and Trust in Modern Data Managementâ€•.". data science for healthcare researchgate. top 10 data science use cases in insurance medium. data analytics in medicine concepts methodologies tools. buy data science for healthcare methodologies and. data science for healthcare methodologies and applications. healthcare analytics from data to knowledge to healthcare. data science for healthcare online course. what is data science a plete data science tutorial for. data mining applications in science engineering. big data big challenges a healthcare perspective. data science for healthcare springerlink. why we need a methodology for data science ibm big data. call for papers elsevier. data science for healthcare methodologies and. big data applications in healthcare library amp information. healthcare administration concepts methodologies tools. applied sciences special issue data science for. health data science epsrc centre for doctoral training. 4 tips on implementing data science in healthcare oracle. sds 216 data science in healthcare podcast. data science for healthcare methodologies and applications. healthcare data analytics and management sciencedirect. data science for healthcare methodologies and. industrial big data analytics challenges methodologies. data science for healthcare methodologies and applications. data science for healthcare methodologies and applications. data science for healthcare methodologies and. big data. das 2017 1st international workshop on data science. special issue on data science for smart healthcare. big data applications in healthcare hadoop and big data. study and analysis of data mining algorithms for. data science for healthcare methodologies and applications. new book data science for healthcare methodologies and. data science conferences artificial intelligence. data science in healthcare ways of industry transformation. data science for healthcare by consoli sergio ebook.

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