
Advanced Intelligence Solutions

The Proceedings of 2023 International Conference
on Wireless Power Transfer (ICWPT2023)

Artificial Intelligence By Example

Artificial Intelligence in Healthcare

Artificial Intelligence for Big Data

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Project Management Next Generation

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Better Data, Better Decisions
Machine Intelligence and Big Data Analytics for
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Advances in High Voltage Engineering
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The Proceedings of 2023 International Conference on Wireless Power Transfer (ICWPT2023)

IGI Global
 The 12th International Symposium on Distributed Computing and Artificial Intelligence 2015 (DCAI 2015) is a forum to present applications of innovative techniques for studying and solving complex

problems. The exchange of ideas between scientists and technicians from both the academic and industrial sector is essential to facilitate the development of systems that can meet the ever-increasing demands of today's society. The present edition brings together past experience, current work and promising future trends associated with distributed computing, artificial intelligence

and their application in order to provide efficient solutions to real problems. This symposium is organized by the Osaka Institute of Technology, Qatar University and the University of Salamanca. Butterworth-Heinemann Strategic Intelligence Management introduces both academic researchers and law enforcement professionals to contemporary issues of national

security and information management and analysis. This contributed volume draws on state-of-the-art expertise from academics and law enforcement practitioners across the globe. The chapter authors provide background, analysis, and insight on specific topics and case studies. Strategic Intelligent Management explores the technological and social aspects of

managing information for contemporary national security imperatives. Academic researchers and graduate students in computer science, information studies, social science, law, terrorism studies, and politics, as well as professionals in the police, law enforcement, security agencies, and government organizations will welcome this authoritative

and wide-ranging discussion of emerging threats. - Hot topics like cyber terrorism, Big Data, and Somali pirates, addressed in terms the layperson can understand, with solid research grounding - Fills a gap in existing literature on intelligence, technology, and national security
Artificial Intelligence By Example
 Academic Press
 Distributed Artificial

Intelligence (DAI) is a dynamic area of research and this book is the first comprehensive, truly integrated exposition of the discipline presenting influential contributions from leaders in the field. Commences with a solid introduction to the theoretical and practical issues of DAI, followed by a discussion of the core research topics--communication, coordination, planning--and how they are related to each other. The third section describes a number of DAI testbeds, illustrating particular strategies commissioned to provide software environments for building and experimenting with DAI systems. The final segment contains contributions which consider DAI from different perspectives. *Artificial Intelligence in Healthcare* Springer

Given the fact that there are perhaps 400 billion stars in our Galaxy alone, and perhaps 400 billion galaxies in the Universe, it stands to reason that somewhere out there, in the 14-billion-year-old cosmos, there is or once was a civilization at least as advanced as our own. The sheer enormity of the numbers almost demands that we accept the truth of this hypothesis. Why, then, have we encountered no evidence,

no messages, no artifacts of these extraterrestrials? In this second, significantly revised and expanded edition of his widely popular book, Webb discusses in detail the (for now!) 75 most cogent and intriguing solutions to Fermi's famous paradox: If the numbers strongly point to the existence of extraterrestrial civilizations, why have we found no evidence of them? Reviews from

the first edition: "Amidst the plethora of books that treat the possibility of extraterrestrial intelligence, this one by Webb ... is outstanding. ... Each solution is presented in a very logical, interesting, thorough manner with accompanying explanations and notes that the intelligent layperson can understand. Webb digs into the issues ... by considering a very broad set of in-depth solutions that

he addresses through an interesting and challenging mode of presentation that stretches the mind. ... An excellent book for anyone who has ever asked 'Are we alone?'. (W. E. Howard III, Choice, March, 2003) "Fifty ideas are presented ... that reveal a clearly reasoned examination of what is known as 'The Fermi Paradox'. ... For anyone who enjoys a good detective

story, or using their thinking faculties and stretching the imagination to the limits ... 'Where is everybody' will be enormously informative and entertaining. ... Read this book, and whatever your views are about life elsewhere in the Universe, your appreciation for how special life is here on Earth will be enhanced! A worthy addition to any personal library." (Philip Bridle, BBC

Radio, March, 2003) Since gaining a BSc in physics from the University of Bristol and a PhD in theoretical physics from the University of Manchester, Stephen Webb has worked in a variety of universities in the UK. He is a regular contributor to the Yearbook of Astronomy series and has published an undergraduate textbook on distance determination in astronomy and cosmology as well as several popular

science books. His interest in the Fermi paradox combines lifelong interests in both science and science fiction. *Artificial Intelligence for Big Data* Advanced Solutions in Power Systems Social Roots traces the history of a fundamental economic shift that is underway. The shift is rooted in virtualization, a key innovation factor, but when combined with

influence networks, the significance becomes transformative. The combined power of these dimensions is creating a new economic paradigm based on return on collaboration metrics rooted in social capital theory. Inside is the story of the near magical transformation, written specifically so we do not forget the significance of this decade of leadership in the influence economy.

Many of the stories in the first part of Social Roots are about organizations that took the opportunity to experiment and experience the power of social networking approaches to conducting business; and social innovators striving to make the world a better place. Their contributions to creating the influence economy are numerous, and their story of how they achieved success

creates a tapestry of insight. [Link](#) IGI Global This book presents the latest advances in machine intelligence and big data analytics to improve early warning of cyber-attacks, for cybersecurity intrusion detection and monitoring, and malware analysis. Cyber-attacks have posed real and wide-ranging threats for the information society. Detecting cyber-attacks becomes a

challenge, not only because of the sophistication of attacks but also because of the large scale and complex nature of today's IT infrastructures . It discusses novel trends and achievements in machine intelligence and their role in the development of secure systems and identifies open and future research issues related to the application of machine intelligence in the

cybersecurity field. Bridging an important gap between machine intelligence, big data, and cybersecurity communities, it aspires to provide a relevant reference for students, researchers, engineers, and professionals working in this area or those interested in grasping its diverse facets and exploring the latest advances on machine intelligence and big data analytics for cybersecurity applications.

Project Management Next Generation
Packt Publishing Ltd
This book aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results on all aspects of Artificial Intelligence. The book provides a premier interdisciplinary platform to present practical challenges and adopted

solutions. The book addresses the complete functional framework workflow in Artificial Intelligence technology. It explores the basic and high-level concepts and can serve as a manual for the industry for beginners and the more advanced. It covers intelligent and automated systems and its implications to the real-world, and offers data acquisition and case studies

related to data-intensive technologies in AI-based applications. The book will be of interest to researchers, professionals, scientists, professors, students of computer science engineering, electronics and communications, as well as information technology.

Oracle Data Warehousing and Business Intelligence Solutions
John Wiley & Sons
Up-to-date, comprehensive coverage of

the Oracle database and business intelligence tools. Written by a team of Oracle insiders, this authoritative book provides you with the most current coverage of the Oracle data warehousing platform as well as the full suite of business intelligence tools. You'll learn how to leverage Oracle features and how those features can be used to provide solutions to a variety of

needs and demands. Plus, you'll get valuable tips and insight based on the authors' real-world experiences and their own implementations. Avoid many common pitfalls while learning best practices for: Leveraging Oracle technologies to design, build, and manage data warehouses Integrating specific database and business intelligence solutions from other vendors Using the new suite of Oracle business intelligence tools to analyze data for marketing, sales, and more Handling typical data warehouse performance challenges Uncovering initiatives by your business community, security business sponsorship, project staffing, and managing risk *Business Intelligence for the Enterprise* Springer Nature Provides insight on both classical means and new trends in the application of power electronic and artificial intelligence techniques in power system operation and control This book presents advanced solutions for power system controllability improvement, transmission capability enhancement and operation planning. The book is organized into three parts. The first part describes the CSC-HVDC and VSC-HVDC technologies, the second

part presents the FACTS devices, and the third part refers to the artificial intelligence techniques. All technologies and tools approached in this book are essential for power system development to comply with the smart grid requirements. Discusses detailed operating principles and diagrams, theory of modeling, control strategies and physical installations around the world of HVDC and FACTS

systems
Covers a wide range of Artificial Intelligence techniques that are successfully applied for many power system problems, from planning and monitoring to operation and control Each chapter is carefully edited, with drawings and illustrations that helps the reader to easily understand the principles of operation or application
Advanced Solutions in Power

Systems:
HVDC, FACTS, and Artificial Intelligence is written for graduate students, researchers in transmission and distribution networks, and power system operation. This book also serves as a reference for professional software developers and practicing engineers.
Artificial Intelligence (AI) Harvard Business Press
PROJECT MANAGEMENT BEST PRACTICES
Best practices from 50+

world-class organizations to improve project management, add business value, and increase benefit realization. Featuring senior executives and project managers from more than 50 world-class companies offering their best practices for successful project management implementation, the newly revised Fifth Edition of Project Management Best Practices contains

updates throughout to reflect the latest project management best practices that add value and efficiency to every level of an organization. The text offers guidance on a wide range of project management best practices, with new coverage of the impact of COVID-19, the growth of nontraditional projects, cultural and emotional intelligence, and much more. Project Management Best Practices features

insights and best practices from world class organizations like Siemens, Deloitte, GEA, Heineken, Sony, Dubai Customs, Philips Medical, IBM, Boeing, Comau, and Hitachi. Case studies from many of these organizations are included in each chapter to practically illustrate various concepts. This Fifth Edition includes updated information from companies covered in the earlier books

along with contributions from new companies. Project Management Best Practices includes information on: Project management best practices throughout modern history and how the best of intentions can quickly become migraines Responding to changing customer requirements, what to do when the wrong culture is in place, and handling the internal politics of any project

Strategic planning for project management, roadblocks to excellence, and seven fallacies that delay project management maturity Recognizing the need for project management methodology development and where/how artificial intelligence (AI) slots into the project management field Following the same successful format as its predecessor in terms of content, the Fifth Edition of

Project Management Best Practices is an essential resource for senior level and middle level corporate managers, project and team managers, engineers, project team members, business consultants, and students in related programs of study. *Pro SharePoint 2013 Business Intelligence Solutions* John Wiley & Sons Machine learning is a relatively new field, without a unanimous

definition. In many ways, actuaries have been machine learners. In both pricing and reserving, but also more recently in capital modelling, actuaries have combined statistical methodology with a deep understanding of the problem at hand and how any solution may affect the company and its customers. One aspect that has, perhaps, not been so well developed among actuaries is validation.

Discussions among actuaries' "preferred methods" were often without solid scientific arguments, including validation of the case at hand. Through this collection, we aim to promote a good practice of machine learning in insurance, considering the following three key issues: a) who is the client, or sponsor, or otherwise interested real-life target of the study? b) The reason for working

with a particular data set and a clarification of the available extra knowledge, that we also call prior knowledge, besides the data set alone. c) A mathematical statistical argument for the validation procedure.

Artificial Intelligence for Advanced Problem Solving Techniques
Prentice Hall Professional
Why aren't the most powerful new technologies being used to

solve the world's most important problems: hunger, poverty, conflict, employment, disease? In Link, Dr. Lorien Pratt answers these questions by exploring the solution that is emerging worldwide to take Artificial Intelligence to the next level: Decision Intelligence. *Advanced Intelligence Systems and Innovation in Entrepreneurs hip* Springer Nature Build a disruptive marketing

agency for the modern age The marketing services industry is on the cusp of a truly transformational period. The old guard, rooted in tradition and resistant to change, will fall and new leaders will emerge. Hybrid marketing agencies that are more nimble, tech savvy, and collaborative will redefine the industry. Digital services will be engrained into the DNA and blended with

traditional methods for integrated campaigns. The depth, versatility, and drive of their talent will be the cornerstones of organizations that pursue a higher purpose. The Marketing Agency Blueprint is a practical and candid guide that presents ten rules for building such a hybrid agency. The new marketing agency model will create and nurture diverse recurring

revenue streams through a mix of services, consulting, training, education, publishing, and software sales. It will use efficiency and productivity, not billable hours, as the essential drivers of profitability. Its value and success will be measured by outcomes, not outputs. Its strength and stability will depend on a willingness to be in a perpetual state of change, and an ability to

execute and adapt faster than competitors. The Marketing Agency Blueprint demonstrates how to: Generate more qualified leads, win clients with set pricing and service packages, and secure more long-term retainers. Develop highly efficient management systems and more effective account teams. Deliver greater results and value to clients. This is the future of the marketing services

industry. A future defined and led by underdogs and innovators. You have the opportunity to be at the forefront of the transformation .

Radically Human John Wiley & Sons
Data flows into medical practices daily from practice management systems, electronic medical record (EMR) systems, accounting systems and many other sources. Too many practices

extract only the bare minimum of data to file claims and meet reporting obligations, without recognizing the value in the flood of data that passes through the practice.

Wireless LAN Monthly Newsletter

IET
PROJECT
MANAGEMENT
NEXT
GENERATION
Strategic guidance on enabling transformational change in the project management landscape In

Project Management Next Generation: The Pillars for Organizational Excellence, a team of world-renowned project management leaders delivers an expert discussion on project management implementation in organizations of all kinds. The book explores 10 pillars of project management that will be critical for companies in the coming decade. It offers

contributions from industry changemakers and thought leaders that provide the perfect balance between practical experience across a variety of programs, projects, and transformation initiatives. It's a must-have title for practicing project managers who seek hands-on guidance and insightful case studies complete with discussion questions and instruction materials, including

PowerPoint lecture slides and a full Instructors Manual on the companion website. In addition to the perspectives of several global commercial organizations on the project management industry's future, readers will find: Thorough introductions to project management as a strategic competency and corporate project management cultures

Comprehensive explorations of workforce upskilling and defining project success

Practical discussions of flexible project management frameworks and flexible life cycle phases and project governance

In-depth examinations of value-driven project management and metrics, as well as metrics for intangible assets, and strategic metrics

Perfect for mid-level corporate, project, and team managers, as well as executives and business consultants,

Project Management Next Generation: The Pillars for Organizational Excellence will also earn a place in the libraries of students in courses on advanced project management at the upper-level undergraduate and graduate levels.

The Marketing Agency Blueprint
Leuven University Press
Computers

and machines were developed to reduce time consumption and manual human efforts to complete projects efficiently. With fast-growing technologies in the field, we have finally reached a stage where almost everyone in the world has access to these high technologies. However, this is just a starting phase because future development is taking a more advanced

route in the shape of artificial intelligence (AI). Although AI is under the computer science umbrella, nowadays there is no field unaffected by this high technology. The overall aim of using intelligence learning methods is to train machines to think intelligently and make decisions in different situations the same as humans. Previously, machines

were doing what they were programmed to do, but now with AI, devices can think and behave like a human being. This book aims to present the application of advanced analytics and AI in different industries as practical tools to develop prediction, optimization, and make decision models. The Phenomenology of Intelligence-focused Remote Sensing

Business Expert Press SAP is a market leader in enterprise business application software. SAP solutions provide a rich set of composable application modules, and configurable functional capabilities that are expected from a comprehensive enterprise business application software suite. In most cases, companies that adopt SAP software remain heterogeneous enterprises running both SAP and non-SAP systems to support their business processes. Regardless of the specific scenario, in heterogeneous enterprises most SAP implementations must be integrated with a variety of non-SAP enterprise systems: Portals Messaging infrastructure Business process management (BPM) tools Enterprise Content Management (ECM) methods and tools Business analytics (BA) and business intelligence (BI) technologies Security Systems of record Systems of engagement The tooling included with SAP software addresses many needs for creating SAP-centric environments. However, the classic approach to implementing SAP functionality generally leaves the business with a rigid solution that is difficult and expensive to change and enhance.

When SAP software is used in a large, heterogeneous enterprise environment, SAP clients face the dilemma of selecting the correct set of tools and platforms to implement SAP functionality, and to integrate the SAP solutions with non-SAP systems. This IBM® Redbooks® publication explains the value of integrating IBM software with SAP solutions. It describes how

to enhance and extend pre-built capabilities in SAP software with best-in-class IBM enterprise software, enabling clients to maximize return on investment (ROI) in their SAP investment and achieve a balanced enterprise architecture approach. This book describes IBM Reference Architecture for SAP, a prescriptive blueprint for using IBM software in SAP solutions.

The reference architecture is focused on defining the use of IBM software with SAP, and is not intended to address the internal aspects of SAP components. The chapters of this book provide a specific reference architecture for many of the architectural domains that are each important for a large enterprise to establish common strategy, efficiency, and balance. The majority of the

most important architectural domain topics, such as integration, process optimization, master data management, mobile access, Enterprise Content Management, business intelligence, DevOps, security, systems monitoring, and so on, are covered in the book. However, there are several other architectural domains which are not included in the book. This is not to imply

that these other architectural domains are not important or are less important, or that IBM does not offer a solution to address them. It is only reflective of time constraints, available resources, and the complexity of assembling a book on an extremely broad topic. Although more content could have been added, the authors feel confident that the scope of architectural material that

has been included should provide organizations with a fantastic head start in defining their own enterprise reference architecture for many of the important architectural domains, and it is hoped that this book provides great value to those reading it. This IBM Redbooks publication is targeted to the following audiences: Client decision makers and solution architects leading

enterprise transformation projects and wanting to gain further insight so that they can benefit from the integration of IBM software in large-scale SAP projects. IT architects and consultants integrating IBM technology with SAP solutions.

Signal

Springer
The AI revolution is moving at a breakneck speed. Organizations are beginning to invest in innovative

ways to monetize their data through the use of artificial intelligence. Businesses need to understand the reality of AI. To be successful, it is imperative that organizations understand that augmented intelligence is the secret to success. Augmented Intelligence: The Business Power of Human-Machine Collaboration is about the process of combining human and

machine intelligence. This book provides business leaders and AI data experts with an understanding of the value of augmented intelligence and its ability to help win competitive markets. This book focuses on the requirement to clearly manage the foundational data used for augmented intelligence. It focuses on the risks of improper data use and delves into the ethics and governance of

data in the era of augmented intelligence. In this book, we explore the difference between weak augmentation that is based on automating well understood processes and strong augmentation that is designed to rethink business processes through the inclusion of data, AI and machine learning. What experts are saying about Augmented Intelligence "The book you are about to read is of

great importance because we increasingly rely on machine learning and AI. Therefore, it is critical that we understand the ability to create an environment in which businesses can have the tools to understand data from a holistic perspective. What is imperative is to be able to make better decisions based on an understanding of the behavior and thinking of our

customers so that we can take the best next action. This book provides a clear understanding of the impact of augmented intelligence on both society and business."—Ts vi Gal, Managing Director, Enterprise Technology and Services, Morgan Stanley "Our mission has always been to help clients apply AI to better predict and shape future outcomes, empower higher value

work, and automate how work gets done. I have always said, 'AI will not replace managers, but managers who use AI will replace managers who don't.' This book delves into the real value that AI promises, to augment existing human intelligence, and in the process, dispels some of the myths around AI and its intended purpose."—Rob Thomas, General Manager, Data and AI, IBM

Tenth International Conference on Applications and Techniques in Cyber Intelligence (ICATCI 2022)
MDPI
This text aims to help you to maximize the potential of Business Intelligence in your organization. It includes stories of companies that implemented BI - those that have succeeded and those that have failed.
Smart Business Intelligence Solutions with

Microsoft SQL Server 2008
Academic Press
Actionable tools, processes and metrics for successfully managing innovation projects
Conventional project management methods are oftentimes insufficient for managing innovation projects.
Innovation is lost under the pre-determined scope and forecasted environments of traditional project management.
There is

tremendous pressure on organizations to innovate, and the project managers responsible for managing these innovation projects do not have the training or tools to do their jobs effectively. Innovation Project Management provides the tools, insights, and metrics needed to successfully manage innovation projects—helping readers identify problems in their

organization, conceive elegant solutions, and, when necessary, promote changes to their organizational culture. There are several kinds of innovation—ranging from incremental changes to existing products to wholly original processes that emerge from market-disrupting new technology—that possess different characteristics and often require different tools. Best-selling

author and project management expert Harold Kerzner integrates innovation, project management, and strategic planning to offer students and practicing professionals the essential tools and processes to analyze innovation from all sides. Innovation Project Management deconstructs traditional project management methods and explains why and how innovation projects

<p>should be managed differently. This invaluable resource: Provides practical advice and actionable tools for effectively managing innovation projects Offers value-based project management metrics and guidance on how to establish a metrics management program Shares exclusive insights from project</p>	<p>managers at world-class organizations such as Airbus, Boeing, Hitachi, IBM, and Siemens on how they manage innovation projects Explores a variety of types of innovation including co-creation, value-driven, agile, open versus closed, and more Instructors have access to PowerPoint lecture slides by chapter through the book's</p>	<p>companion website Innovation Project Management: Methods, Case Studies, and Tools for Managing Innovation Projects is an essential text for professional project managers, corporate managers, innovation team members, as well as students in project management, innovation and entrepreneurs hip programs.</p>
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- [The Subtle Art Of Not Giving A F*ck: A Counterintuitive Approach To Living A Good Life By Mark Manson](#)
- [The Summer I Turned Pretty \(summer I Turned Pretty, The\)](#)
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