Dr Kumar Saurabh Cloud Computing Wiley Publication

Dr Kumar Saurabh Cloud Computing Wiley Publication Demystifying Cloud Computing with Dr Kumar Saurabhs Wiley Publication So youre interested in learning more about cloud computing but the sheer volume of information out there feels overwhelming Youre not alone Many people find the world of cloud services complex and daunting Thats where Dr Kumar Saurabhs insightful Wiley publication comes in This comprehensive guide cuts through the jargon and provides a practical accessible understanding of this transformative technology Lets dive in What Makes Dr Saurabhs Book Stand Out Dr Saurabhs book isnt just another theoretical textbook Its designed to bridge the gap between academic concepts and realworld applications He masterfully explains complex topics using clear language relatable examples and practical case studies This makes it ideal for both beginners and those with some prior knowledge looking to solidify their understanding The book covers a broad spectrum of cloud computing aspects from fundamental concepts to advanced techniques Imagine an image here A book cover mockup of Cloud Computing by Dr Kumar Saurabh Wiley Publication The cover could feature a stylized cloud graphic Key Areas Covered in the Book Dr Saurabhs book thoroughly explores various crucial aspects of cloud computing including Cloud Computing Fundamentals This section lays the groundwork explaining core concepts like Iaas PaaS and SaaS differentiating between public private and hybrid cloud models and discussing the benefits and challenges of cloud adoption Cloud Service Providers The book provides a detailed overview of major players like AWS Amazon Web Services Microsoft Azure and Google Cloud Platform GCP highlighting their strengths and weaknesses to help you choose the best provider for your needs Imagine an image here A comparison table of AWS Azure and GCP highlighting key features like pricing services offered and ease of use 2 Security in the Cloud This is a critical aspect often overlooked Dr Saurabhs

book emphasizes security best practices covering topics like data encryption access control and disaster recovery strategies It stresses the shared responsibility model and guides you through securing your cloud infrastructure effectively Practical Implementations The book doesnt shy away from practical examples It walks you through setting up virtual machines deploying applications and managing databases on popular cloud platforms This handson approach is what differentiates it from many theoretical texts Cloud Migration Strategies Moving your existing systems to the cloud can be tricky The book offers valuable insights and strategies for a smooth and successful cloud migration minimizing disruptions and optimizing costs HowTo Section Setting up a Virtual Machine on AWS A Simplified Example Lets illustrate the books practical approach with a simplified example setting up a virtual machine VM on Amazon Web Services AWS While the book provides much more detail this gives you a flavor 1 Sign up for an AWS account This is usually free for a trial period 2 Navigate to the EC2 Elastic Compute Cloud service This is where you create and manage your VMs 3 Choose an AMI Amazon Machine Image This is the template for your VM eg an Amazon Linux AMI 4 Select instance type This defines the VMs resources CPU memory storage 5 Configure security group This controls network access to your VM 6 Launch the instance AWS will then provision your VM 7 Connect to the instance Use SSH or other tools to access your VM This is a simplified version but it shows how the book empowers you with practical steps The book provides detailed screenshots and stepbystep instructions for various cloud platforms and tasks Visualizing Cloud Concepts Imagine an image here A diagram illustrating the different layers of cloud computing IaaS PaaS SaaS and their relationships Use clear concise labels Visual aids like this are frequently used throughout the book making complex concepts easier to grasp The book effectively uses diagrams charts and tables to illustrate key ideas 3 and relationships between different components of cloud computing Summary of Key Points Dr Kumar Saurabhs Wiley publication offers a comprehensive and practical guide to cloud computing It excels by Clear and Concise Explanations Complex concepts are simplified for easy understanding Practical Handson Approach The book emphasizes realworld application with numerous examples Comprehensive Coverage It explores a wide range of topics

from fundamentals to advanced techniques Focus on RealWorld Case Studies Illustrative examples demonstrate cloud solutions in different scenarios UptoDate Information The book incorporates the latest advancements in cloud technology 5 FAQs to Address Reader Pain Points 1 Q Is this book suitable for beginners A Absolutely The book starts with the fundamentals and gradually progresses to more advanced concepts making it accessible to individuals with little or no prior knowledge 2 Q Which cloud platforms does the book cover A The book primarily focuses on AWS Azure and GCP providing comparative analyses and practical examples for each 3 Q Does the book cover security aspects of cloud computing A Yes a significant portion of the book is dedicated to security best practices and strategies for securing your cloud infrastructure 4 Q How much coding experience is required A While some basic commandline knowledge can be helpful the book doesnt require extensive coding skills The focus is on understanding the concepts and applying them practically 5 Q Is this book worth the investment A Considering the depth of coverage practical examples and clarity of explanation the book provides exceptional value for anyone looking to learn or enhance their understanding of cloud computing In conclusion Dr Kumar Saurabhs Wiley publication on cloud computing is a valuable resource for anyone looking to understand and utilize this transformative technology Its blend of theoretical knowledge and practical application makes it a mustread for both beginners and experienced professionals alike So grab your copy and start your cloud journey today 4

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this volume comprises the proceedings of the international conference on recent cognizance in wireless communication image processing it brings together content from academicians researchers and industry experts in areas of wireless communication and image processing the volume provides a snapshot of current progress in computational creativity and a glimpse of future possibilities the proceedings include two kinds of paper submissions i regular papers addressing foundation issues describing original research on creative systems development and modeling and ii position papers describing work in progress or research directions for computational creativity this work will be useful to professionals and researchers working in the core areas of wireless communications and image processing

this book features high quality research papers presented at third doctoral symposium on computational intelligence dosci 2022 organized by institute of engineering and technology iet aktu lucknow india on march 5 2022 this book

discusses the topics such as computational intelligence artificial intelligence deep learning evolutionary algorithms swarm intelligence fuzzy sets and vague sets rough set theoretic approaches quantum inspired computational intelligence hybrid computational intelligence machine learning computer vision soft computing distributed computing parallel and grid computing cloud computing high performance computing biomedical computing and decision support and decision making

this two volume constitutes the refereed proceedings of the first international conference on advancements in smart computing and information security ascis 2022 held in rajkot india in november 2022 the 37 full papers and 18 short papers presented were thoroughly reviewed and selected from the 206 submissions the papers are organized in topical sections on artificial intelligence smart computing cyber security industry

the book focuses on developments in artificial intelligence ai and internet of things iot integration for smart healthcare with an emphasis on current methodologies and frameworks for the design growth implementation and creative use of such convergence technologies to provide insight into smart healthcare service demands concepts like signal recognition computation internet of health stuff and so forth and their applications are covered development in connectivity and intelligent networks allowing for social adoption of ambient intelligence is also included features introduces intelligent iot as applicable to the key areas of smart healthcare discusses computational intelligence and iot based optimizations of smart healthcare systems explores effective management of healthcare systems using dedicated iot based infrastructures includes dedicated chapters on securing patient s confidential data reviews diagnosis of critical diseases from medical imaging using advanced deep learning based approaches this book is aimed at researchers professionals and graduate students in intelligent systems big data cloud computing information security and healthcare systems

iot security and privacy paradigm covers the evolution of security and privacy issues in the internet of things iot it focuses on bringing all security and privacy

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and simulation cloud computing iot and image processing in biomedical presently he is serving on the editorial board of several international journals and has authored nine computer science books published by springer wiley crc press lambert publication and scholar press

most start ups fail and they die remarkably young the typical start up lasts 20 months and burns through 1 3 million in financing before closing its doors so what s the formula for success for those start ups that make it through the early trials leveraging their early success into either getting acquired or issuing an ipo initial public offering what are the lessons that first time entrepreneurs and employees need to know to navigate their way to success the ultimate start up guide offers practical advice insights lessons and best practices from the world of start ups including strategies for hiring and building your team culture and values how to pitch your company secure funding and distribute equity best practices in launching your business how venture capitalist investors think evaluate new companies and advise entrepreneurs war stories and red flags from top vc partners and entrepreneurs start ups are a business model and culture of their own changing the economic landscape as well as the way we live and work the ultimate start up guide offers an insider s look at this world it s a fascinating read for anyone contemplating how to build or participate in a successful start up

the text comprehensively discusses the essentials of the internet of things iot machine learning algorithms industrial and medical iot robotics data analytics tools and technologies for smart cities it further covers fundamental concepts advanced tools and techniques along with the concept of energy efficient systems it also highlights software and hardware interfacing into the iot platforms and systems for better understanding it will serve as an ideal reference text for senior undergraduate graduate students and academic researchers in the fields of electrical engineering electronics and communication engineering and computer engineering features covers cognitive internet of things and emerging network iot in robotics smart cities and health care discusses major issues in the field of the iotsuch as scalable and secure issues energy efficient and actuator devices highlights the importance of industrial and medical iot illustrates applications of the

iot in robotics smart grid and smart cities presents real time examples for better understanding the text comprehensively discusses design principles modernization techniques advanced developments in artificial intelligence this will be helpful for senior undergraduates graduate students and academic researchers in diverse engineering fields including electrical electronics and communication and computer science

special features details the core concepts of cloud computing infrastructure and virtualization showcases the facets of cloud computing in an easy to understand manner provides a comprehensive overview of cloud computing from the business and technical perspective uses concepts learnt in the classroom and elaborates how they are applied in an industry setting elucidates specific solutions to the real world challenges contains detailed examples of many aspects of cloud computing useful for both students and professionals who wish to understand and experiment with cloud computing three very useful appendices cloud performance monitoring commands understanding sizing lifecycle and desktop service a vdi perspective about the book this book fulfils an important and growing need to understand cloud computing dynamic infrastructure and virtualization which have been deployed within every function in a broad range of business and markets nowadays cloud computing has brought about phenomenal changes in the way the world works the way corporations function and the way human role in each has developed the book reflects the core insights of cloud models service offerings and other benefits the book in a very simple and lucid manner tells us what we need to know to be a successful cloud computing architect technical manger and infrastructure specialist the book focuses on real world goals for organizations the cloud services provided to help realize these goals and the constraints on cloud computing infrastructure that we may need to work around to meet our goals it discusses the evolution of cloud computing over time and across computing arena the specifications of cloud systems the implementation of specifications the processes and best practices required to be put in place to make sure that the specifications and real world goals have been met

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