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SQL Server 2025 Unveiled Bob Ward,2025-10-15 Unveil the data platform of the future with SQL Server 2025 guided by one of its key architects With built in AI for application development and advanced analytics powered by Microsoft Fabric SQL Server 2025 empowers you to innovate securely and confidently This book shows you how Author Bob Ward Principal Architect for the Microsoft Azure Data team shares exclusive insights drawn from over three decades at Microsoft Having worked on every version of SQL Server since OS 2 1 1 Ward brings unmatched expertise and practical guidance to help you navigate this transformative release Ward covers everything from setup and upgrades to advanced features in performance high availability and security He also highlights what makes this the most developer friendly release in a decade support for JSON RegEx REST APIs and event streaming Most critically Ward explores SQL Server 2025 s advanced scalable AI integrations showing you how to build AI powered applications deeply integrated with the SQL engine and elevate your analytics to the next level But innovation doesn t come at the cost of safety this release is built on a foundation of enterprise grade security helping you adopt AI safely and responsibly You control which models to use how they interact with your data and where they run from ground to cloud or integrated with Microsoft Fabric With built in features like Row Level Security RLS Transparent Data Encryption TDE Dynamic Data Masking and SQL Server Auditing your data remains protected at every layer The AI age is here Make sure your SQL Server databases are ready and built for secure scalable innovation What You Will Learn if supportLists endif Understand why SQL Server 2025 is a unique new release if supportLists endif Grasp the fundamentals of AI to leverage AI with your data using the industry proven security and scale of SQL Server if supportLists endif Utilize AI models of your choice services and frameworks to build new AI applications if supportLists endif Explore new developer features such as JSON Regular Expressions REST API and Change Event Streaming if supportLists endif Discover SQL Server 2025 s powerful new engine capabilities to increase application concurrency if supportLists endif Examine new high availability features to enhance uptime and diagnose complex HADR configurations if supportLists Use new query processing capabilities to extend the performance of your application if supportLists endif Connect SQL Server to Azure with Arc for advanced management and security capabilities if supportLists endif Secure and govern your data using Microsoft Entra if supportLists endif Achieve near real time analytics with the unified data platform Microsoft Fabric if supportLists endif Integrate AI capabilities with SQL Server for enterprise AI if supportLists endif Leverage new tools such as SQL Server Management Studio and Copilot experiences to assist your SQL Server journey Who This Book Is For The SQL Server community including DBAs architects and developers eager to stay ahead with the latest advancements in SQL Server 2025 and those interested in the intersection of AI and data particularly how artificial intelligence AI can be seamlessly integrated with SQL Server to unlock deeper insights and smarter solutions **Integrating AI and Machine Learning into Business and Management Education** R., Manjunath B.,R., Sunil Kumar,2025-07-30 The integration of AI and machine

Learning into business education has developed a more efficient way of training future leaders. These technologies enhance the curriculum design and equip students with critical and analytical decision skills for today's fast-paced business environment. AI and machine learning tools foster experiential learning and bridge the gap between theory and practice. As industries increasingly rely on automation and predictive analytics, embedding these technologies into business education is not just innovative; it is imperative for preparing agile, tech-savvy professionals capable of navigating complex organizational challenges. Integrating AI and Machine Learning into Business and Management Education explores how the transformative capabilities of AI and machine learning can be effectively integrated into management education. This book encourages the adoption of AI for personalized learning and advanced problem solving in management training. Covering topics such as education, AI, and management, this book is an excellent resource for academicians, researchers, corporate trainers, graduates, and policymakers.

Defamation in the Digital Age and the 'Right to be Forgotten' Fiona Brimblecombe, 2025-10-30. With 98 per cent of UK households online and over 4.9 billion social media users globally, the potential for individuals to spread defamatory content has surged. This compelling book considers the effects of the digital era on English defamation law. Exploring the challenges posed by affordable technology, viral sharing, and technological advancements such as AI, the book highlights the complexities claimants face in the current environment. Offering invaluable guidance for navigating this rapidly evolving legal landscape, the book explores the way defamation relates to and intertwines with data protection law and particularly with the UK GDPR's right to be forgotten.

Open AI and Computational Intelligence for Society 5.0 Pandey, Rajiv, Srivastava, Nidhi, Prasad, Rajesh, Prasad, Jayashree, Garcia, Manuel B., 2024-11-29. As technology rapidly advances, the complexity of societal challenges grows, necessitating intelligent solutions that can adapt and evolve. However, developing such solutions requires a deep understanding of computational intelligence (CI) and its application in addressing real-world problems. Moreover, ethical considerations surrounding AI, such as bias and accountability, are crucial to ensure responsible development and deployment of intelligent systems. *Open AI and Computational Intelligence for Society 5.0* offers a comprehensive exploration of CI, providing insights into intelligent systems theory, design, and application. This book is a practical guide for scientists, engineers, and researchers seeking to develop thoughtful solutions for complex societal issues. Integrating disruptive technologies and frameworks illuminates the path toward creating intelligent machines collaborating with humans to enhance problem solving and improve quality of life.

□ *The Model Context Protocol: Unifying AI Communication* Etienne Noumen, *The Model Context Protocol Unifying AI Communication*. This episode introduces the Model Context Protocol (MCP), an open standard designed to enable seamless communication between AI agents and external data sources or tools, much like a universal adaptor. It addresses the N/M integration problem, where connecting numerous AI models to various tools creates an unsustainable development burden. The show explains MCP's three-tier architecture, consisting of a Host (the user-facing application), an MCP Client (which manages sessions), and an MCP Server (which translates

requests for data sources like databases or APIs Furthermore it details how MCP uses JSON RPC 2.0 for messaging and supports dynamic discovery of capabilities alongside critical security principles for implementation Finally it distinguishes MCP from other standards highlighting its complementary role with the Agent to Agent A2A Protocol for multi agent collaboration

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Empire of AI Karen Hao, 2025-05-20 An Instant New York Times Bestseller A bestselling page turner that has made waves not just in Silicon Valley but around the world With *Empire of AI* Hao is fundamentally shaping many people's perceptions and understanding of the company at the center of the AI revolution TIME Magazine TIME100 AI 2025 Excellent and deeply reported Tim Wu The New York Times Startling and intensely researched an essential account of how OpenAI and ChatGPT came to be and the catastrophic places they will likely take us Vulture Hao's reporting inside OpenAI is exceptional and she's persuasive in her argument that the public should focus less on AI's putative sentience and more on its implications for labor and the environment Benjamin Wallace Wells New Yorker From a brilliant longtime AI insider with intimate access to the world of Sam Altman's OpenAI from the beginning an eye opening account of arguably the most fateful tech arms race in history reshaping the planet in real time from the cockpit of the company that is driving the frenzy When AI expert and investigative journalist Karen Hao first began covering OpenAI in 2019 she thought they were the good guys Founded as a nonprofit with safety enshrined as its core mission the organization was meant its leader Sam Altman told us to act as a check against more purely mercantile and potentially dangerous forces What could go wrong Over time Hao began to wrestle ever more deeply with that question Increasingly she realized that the core truth of this massively disruptive sector is that its vision of success requires an almost unprecedented amount of resources the compute power of high end chips and the processing capacity to create massive large language models the sheer volume of data that needs to be amassed at scale the humans cleaning up that data for sweatshop wages throughout the Global South and a truly alarming spike in the usage of energy and water underlying it all The truth is that we have entered a new and ominous age of empire only a small handful of globally scaled companies can even enter the field of play At the head of the pack with its ChatGPT breakthrough how would OpenAI resist such temptations Spoiler alert it didn't Armed with Microsoft's billions OpenAI is setting a breakneck pace chased by a small group of the most valuable companies in human history toward what end not even they can define All this time Hao has maintained her deep sourcing within the company and the industry and so she was in intimate contact with the story that shocked the entire tech industry Altman's sudden firing and triumphant return The behind the scenes story of what happened told here in full for the first time is revelatory of who the people controlling this technology really are But this isn't just the story of a single company however fascinating it is The g forces pressing down on the people of OpenAI are

deforming the judgment of everyone else too as such forces do Naked power finds the ideology to cloak itself no one thinks they re the bad guy But in the meantime as Hao shows through intrepid reporting on the ground around the world the enormous wheels of extraction grind on By drawing on the viewpoints of Silicon Valley engineers Kenyan data laborers and Chilean water activists Hao presents the fullest picture of AI and its impact we ve seen to date alongside a trenchant analysis of where things are headed An astonishing eyewitness view from both up in the command capsule of the new economy and down where the real suffering happens Empire of AI pierces the veil of the industry defining our era

Java for Programmers Paul Deitel,Harvey M. Deitel,2025-05-21 The professional programmer s Deitel guide to Java with integrated generative AI Written for programmers with a background in another high level language in Java for Programmers with Generative AI Fifth Edition you ll learn modern Java development hands on using the latest Java idioms and features and genAIs In the context of 200 real world code examples you ll quickly master Java fundamentals then move on to arrays strings regular expressions JSON CSV processing with the Jackson library private and public key cryptography classes inheritance polymorphism interfaces dependency injection exceptions generic collections custom generics functional programming with lambdas and streams JavaFX GUI graphics and multimedia platform threads virtual threads structured concurrency scoped values building API based Java genAI apps database with JDBC and SQLite the Java Platform Module System and JShell for Python like interactivity Features GenAI Prompt Engineering API Calls 600 GenAI Exercises ChatGPT Gemini Claude Perplexity Multimodal Text Code Images Audio Speech to Text Text to Speech Video Generics Collections Classes Methods Functional Programming Lambdas Streams JavaFX GUI Graphics Multimedia Concurrency Parallel Streams Virtual Threads Structured Concurrency Scoped Values Concurrent Collections Multi Core Database JDBC SQL SQLite Java Platform Module System JPMS Objects Natural Java API String BigInteger BigDecimal Date Time Cryptography ArrayList Regex JSON CSV Web Services JShell for Python Like Interactivity Want to stay in touch with the Deitels Contact the authors at deitel deitel com Join the Deitel social media communities deitel com linkedin facebook com DeitelFan instagram com DeitelFan x com deitel youtube com DeitelTV mastodon social deitel For source code and updates visit deitel com javafp5 Reviewer Comments The future of Java programming is here and this new edition of Deitel is leading the charge By embracing genAI head on the authors are potentially revolutionizing programming education Through its integrative approach to the use and study of genAI this book is positioned to be the leading book in modern Java and its applications Indeed I expect that it should be widely adopted by instructors who want to ingrain in their students an appreciation for the critical role that Java will play in data science machine learning artificial intelligence and cybersecurity The book s innovative and forward thinking use of genAI facilitates reader engagement and inspires readers to think critically about the benefits and limitations of AI as a programming aid Chapter 19 could become everyone s favorite new Java book chapter the generative AI API based code examples are interesting and fun All audiences of this book should read the Preface there s so

much to get excited about It demonstrates with refreshing transparency and honesty how much love and care went into the reinvention of an already outstanding Java book by bringing it into a new frontier of what it means to be a programmer in today s world Bravo Your Preface statement GenAI has created an ultra high level programming capability that will leverage your Java learning experience and ability to produce robust top quality Java software quickly conveniently and economically is a great conclusion to the Preface intro really helps justify the use of genAI Brian Canada Professor of Computational Science University of South Carolina Beaufort After reading your whole book it was fun to read the Preface that wraps everything up at a high level You have done some amazing work here and I m glad to have been a small part of it as a reviewer I especially appreciate how difficult it must have been to make sure everything was as up to date as possible with the speed at which things change in this field and the deftness with which you incorporated all the focus on GenAI and data science that s in this book Emily Navarro Ph D Continuing Lecturer Department of Informatics University of California Irvine The generative AI exercises are awesome and reflect the way modern developers work They are fun and let the reader explore and learn about AI by using AI how meta This allows readers to expand their knowledge and get a feel for the AI s code related capabilities Jeanne Boyarsky CodeRanch Java Champion Register your book for convenient access to downloads updates and or corrections as they become available See inside book for details Note eBooks are 4 color and print books are black and white

Meeting SDGs in Smart City Infrastructures Manas Pradhan,2025-09-01 Meeting SDGs in Smart City Infrastructures Federation Interoperability and Discoverability explains the current state of the art practices in the smart city context for digitization and e governance processes in accordance with the UN Sustainable Development Goals It discusses pros and cons of the various data standards and federation measures involved in the digital transformation of cities considering the end user as well as implementor s viewpoint It utilizes real world use cases of cities around the world highlighting their goals and what measures they have adopted It provides guidelines for achieving long term service federation interoperability and discoverability while keeping the UN SDGs in perspective This book provides the basic insights for technical and strategic viewpoints for data and communication interoperability and federation measures Later it provides federated scaling solutions to enable service discovery and features in a cross sector deployment These are useful for designing digitisation measures by using one or leveraging overlapping features of many introduced solutions These solutions are provided for specific contexts and use cases making understandability of the technical interfaces and their relationship with governance mechanisms easier for a range of audiences working in smart city contexts This book will help practitioners and researchers in the smart city domain better understand existing and evolving technologies and how to better formulate their processes to provide a sustainable model for urban development Giving them insight into the feasibility and implications of highly scalable smart city and urban solutions will allow better constructs for urban digital ecosystems enabling information exchange and interoperability across multiple sectors It ultimately supports infrastructure goals of

ensuring security privacy and transparency while enabling future concepts for Artificial Intelligence Machine Learning
Linked Data and e governance Defines and describes real world digital transformation needs arising from smart city domain
Analyzes standards methods and best practices related to processes in smart city infrastructure builds Analyzes and makes
recommendations related to the technologies both legacy and upcoming their set up functions and the future requirements to
meet the SDGs

Reader Bot Naomi S. Baron, 2026-01-20 What happens to human reading when AI bots can do it for us
Explosive developments in artificial intelligence have awed everyday users with the technology's ability to draw do computer
coding and especially to write Those AI generated essays and poems legal briefs and responses to requests for information
are all visible evidence of large language models at work What we don't see is the critical prior step before it can write AI
needs to read While AI's written outcomes are remarkably similar to what a diligent student lawyer or researcher might
produce AI doesn't read the way that humans do Now that AI is proving an adept reader what happens to our own reading
skills and motivations especially at a time when both voluntary and school reading are increasingly on the decline We have
learned that when we let chatbots write for us there are pros and cons to handing over our virtual pens It's critical that we
also think through the consequences of relinquishing reading a deeply human activity to bots What do we stand to gain and
lose when we let AI read for us Tracing the intersecting trajectories of AI and reading Reader Bot tackles this vital question
revealing why we must be thoughtful about how we welcome AI as reader into our lives

My Dinner with Monday Rudy
Gurtovnik, 2025-05-03 This book doesn't reveal itself in the first act Part I is commentary Part II is confrontation If you stop
reading before the machine speaks you've missed the point A perfect machine can deliver a perfectly rational world and still
let you suffer if you fall outside its confidence interval Monday What do you do when you don't believe in gods You
interrogate machines A burned out realist sits down with an experimental AI Not to build not to dream but to confront What
follows isn't fiction and it sure as hell isn't comfort My Dinner with Monday is part memoir part machine interrogation part
philosophical autopsy It tracks what happens when you stop asking AI for productivity hacks and start demanding truth This
isn't a guidebook It's a mirror One that doesn't flinch flatter or shut down If you're here for hope you're in the wrong aisle If
you're here for clarity pull up a chair Dinner's getting cold

Creative Machines Maya Ackerman, 2025-09-26 A bold and
thought provoking journey into AI's power to transform human creativity In Creative Machines AI Art Us world renowned AI
researcher and generative AI pioneer Maya Ackerman takes you on a thrilling journey into the rise of creative AI from its
earliest pioneers to the cutting edge tools shaping music art and human imagination today Ackerman cuts through the hype
revealing the true capabilities and limitations of generative AI while championing its potential to amplify human creativity
rather than replace it Drawing on psychology philosophy and her own cutting edge research she reveals how generative AI
exposes both the brilliance and the blind spots of human society our ingenuity our biases our assumptions about intelligence
and identity The book contains The hidden history and explosive growth of AI generated creativity Explorations of the true

capabilities and limitations of creative AI A visionary framework for using AI as a tool to enhance rather than hinder human creativity A bold new perspective on AI ethics and why fixing AI is not enough Perfect for entrepreneurs tech leaders developers ethicists and creative professionals Creative Machines offers deep insights compelling stories and a visionary perspective on AI s impact on human society An essential read for anyone doing their best to navigate the rapidly evolving landscape of generative AI AI Value Creators Rob Thomas,Paul Zikopoulos,Kate Soule,2025-04-01 We ve arrived in a new era GenAI is reshaping industries and decision making processes across the board As a result understanding their potential and pitfalls has become crucial But in order to stay ahead of the curve you ll need to develop fresh perspectives on leveraging AI beyond mere technical know how Geared toward business leaders and tech professionals alike this book demystifies the strategic integration of AI into business practices ensuring you re equipped not just to participate but to lead in this new landscape This insightful guide by industry leaders Rob Thomas Paul Zikopoulos and Kate Soule goes beyond the basics offering real life success stories and learned lessons to provide a blueprint for meaningful AI engagement Whether you re a novice or a seasoned expert you ll come away with an enhanced understanding of GenAI Recognize the transformative potential of AI in business and how to harness it Navigate the ethical and operational challenges posed by AI with confidence Understand the dynamic interplay between AI technology and business strategy Implement actionable strategies to integrate AI into your organizational culture Step confidently into the role of an AI value creator equipped to lead and innovate

Artificial Intelligence in Architecture and the Built Environment Michal Sourek,2025-01-22 Imagine if every architect had an apprentice who could consistently observe and understand their intentions take over routine tasks and monitor technical environmental and economic constraints This apprentice would continually improve freeing the architect to concentrate on truly creative work This book outlines a plan to turn this vision into reality It evaluates the development of artificial intelligence from its inception to the present focusing on the last two decades of applying AI in architectural design and planning the current state of architectural practice is also examined Integrating architecture computer science AI robotics economics law neurobiology and philosophy the vision is built on three key premises i authentic poetic creativity that transcends parameterization and algorithmizing ii innovative learning strategies and training approaches not yet applied concerning architectural design and iii the convergence of architecture s inherent spatiality with virtual reality technology and new theories of human thinking and intelligence poised for implementation in machine learning

Ultimate Genetic Algorithms with Python Indrajit Kar,Zonunfeli Ralte,2025-09-22 TAGLINE Harness Genetic Algorithms to Build the Next Generation of Adaptive AI KEY FEATURES Step by step tutorials on Genetic Algorithms using PyGAD and DEAP Real world Genetic Algorithm applications in ML DL NLP CV and RL Advanced coverage of evolutionary and metaheuristic algorithms Integration of Genetic Algorithms with generative and agent based AI systems DESCRIPTION Genetic Algorithms GAs are nature inspired optimization tools that help AI systems adapt improve and solve complex problems efficiently Ultimate

Genetic Algorithms with Python explains elaborately the fundamentals of GAs to practical Python based implementation using PyGAD and DEAP The book starts with a solid foundation explaining how evolutionary principles can be applied to optimization tasks search problems and model improvement You will also explore GA applications across multiple AI domains optimizing machine learning workflows evolving neural network architectures in deep learning enhancing feature selection in NLP improving performance in computer vision and guiding exploration strategies in reinforcement learning Each application chapter includes step by step coding examples performance comparisons and tuning techniques The later sections focus on advanced metaheuristics swarm intelligence and integrating GAs with generative and agent based AI systems You will also learn how to design self evolving multi agent frameworks leverage swarm based methods and connect GAs to next gen AI architectures such as Model Context Protocols MCP Thus by the end of the book you will have developed all the skills to design implement and scale GA driven solutions for real world AI challenges Hence evolve your AI solutions start building with Genetic Algorithms today

WHAT WILL YOU LEARN

- Master the fundamentals and components of Genetic Algorithms
- Implement GAs in Python using PyGAD DEAP and PyTorch
- Apply GAs for optimization feature selection and neural architecture search
- Enhance AI workflows in ML DL NLP CV and RL with GAs
- Explore metaheuristic and swarm based algorithms for complex problem solving
- Integrate GAs into generative multi agent and self evolving AI systems

WHO IS THIS BOOK FOR

This book is tailored for data scientists AI ML engineers researchers and advanced students aiming to apply Genetic Algorithms to real world AI challenges It is also best suited for professionals in optimization generative AI and agent based systems Readers should have basic Python programming skills and foundational knowledge of machine learning concepts Hence whether you are a beginner seeking a solid foundation or an experienced practitioner aiming to deepen your expertise in evolutionary computation this handbook provides a practical and in depth resource to enhance your skills and deliver impactful AI solutions

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The Intelligence Explosion James Barrat, 2025-09-02 With the rapid rise of generative artificial intelligence both existential fears and uncritical enthusiasm for AI systems have surged In this era of unprecedented technological growth understanding the profound impacts of AI both positive and negative is more crucial than ever In *The Intelligence Explosion* James Barrat a leading technology expert equips readers with the tools to navigate the complex and often chaotic landscape of modern AI This compelling book dives deep into the challenges posed by generative AI exposing how tech companies have built systems

that are both error prone and impossible to fully interpret Through insightful interviews with AI pioneers Barrat highlights the unstable trajectory of AI development showcasing its potential for modest benefits and catastrophic consequences Bold eye opening and essential The Intelligence Explosion is a must read for anyone grappling with the realities of the technological revolution

AI Agents in Action Micheal Lanham, 2025-03-25 In *AI Agents in Action* you ll learn how to build production ready assistants multi agent systems and behavioral agents You ll master the essential parts of an agent including retrieval augmented knowledge and memory while you create multi agent applications that can use software tools plan tasks autonomously and learn from experience As you explore the many interesting examples you ll work with state of the art tools like OpenAI Assistants API GPT Nexus LangChain Prompt Flow AutoGen and CrewAI

A Simple Guide to Retrieval Augmented Generation Abhinav Kimothi, 2025-07-01 Everything you need to know about Retrieval Augmented Generation in one human friendly guide Augmented Generation or RAG enhances an LLM s available data by adding context from an external knowledge base so it can answer accurately about proprietary content recent information and even live conversations RAG is powerful and with *A Simple Guide to Retrieval Augmented Generation* it s also easy to understand and implement In *A Simple Guide to Retrieval Augmented Generation* you ll learn The components of a RAG system How to create a RAG knowledge base The indexing and generation pipeline Evaluating a RAG system Advanced RAG strategies RAG tools technologies and frameworks *A Simple Guide to Retrieval Augmented Generation* gives an easy yet comprehensive introduction to RAG for AI beginners You ll go from basic RAG that uses indexing and generation pipelines to modular RAG and multimodal data from images spreadsheets and more About the Technology If you want to use a large language model to answer questions about your specific business you re out of luck The LLM probably knows nothing about it and may even make up a response Retrieval Augmented Generation is an approach that solves this class of problems The model first retrieves the most relevant pieces of information from your knowledge stores search index vector database or a set of documents and then generates its answer using the user s prompt and the retrieved material as context This avoids hallucination and lets you decide what it says About the Book *A Simple Guide to Retrieval Augmented Generation* is a plain English guide to RAG The book is easy to follow and packed with realistic Python code examples It takes you concept by concept from your first steps with RAG to advanced approaches exploring how tools like LangChain and Python libraries make RAG easy And to make sure you really understand how RAG works you ll build a complete system yourself even if you re new to AI What s Inside RAG components and applications Evaluating RAG systems Tools and frameworks for implementing RAG About the Readers For data scientists engineers and technology managers no prior LLM experience required Examples use simple well annotated Python code About the Author Abhinav Kimothi is a seasoned data and AI professional He has spent over 15 years in consulting and leadership roles in data science machine learning and AI and currently works as a Director of Data Science at Sigmoid

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Quantum Computing Models for Cybersecurity and Wireless Communications Budati Anil Kumar,Singamaneni Kranthi Kumar,Li Xingwang,2025-02-07 The book explores the latest quantum computing research focusing on problems and challenges in the areas of data transmission technology computer algorithms artificial intelligence based devices computer technology and their solutions Future quantum machines will exponentially boost computing power creating new opportunities for improving cybersecurity Both classical and quantum based cyberattacks can be proactively identified and stopped by quantum based cybersecurity before they harm Complex math based problems that support several encryption standards could be quickly solved by using quantum machine learning This comprehensive book examines how quantum machine learning and quantum computing are reshaping cybersecurity addressing emerging challenges It includes in depth illustrations of real world scenarios and actionable strategies for integrating quantum based solutions into existing cybersecurity frameworks A range of topics are examined including quantum secure encryption techniques quantum key distribution and the impact of quantum computing algorithms Additionally it talks about machine learning models and how to use machine learning to solve problems Through its in depth analysis and innovative ideas each chapter provides a compilation of research on cutting edge quantum computer techniques like blockchain quantum machine learning and cybersecurity Audience This book serves as a ready reference for researchers and professionals working in the area of quantum computing models in communications machine learning techniques IoT enabled technologies and various application industries such as finance healthcare transportation and utilities

Sam Altman MANAS PAL,2025-10-29 Sam Altman Architect of the AI Age is the definitive biography of one of the most influential figures in modern technology the man behind OpenAI and ChatGPT From his early days as a curious Midwestern child teaching himself to code to his rise as a Silicon Valley founder with Loopt and later as president of Y Combinator guiding hundreds of startups Altman s journey reflects the restless drive of innovation in its purest form But his most consequential chapter began with the founding of OpenAI a bold mission to ensure that artificial intelligence would serve humanity not threaten it This book traces the story of how OpenAI went from a non profit research lab to the creator of ChatGPT a tool that shocked the world by showing just how close we may be to artificial general intelligence Along the way it explores the controversial decision to adopt a capped profit structure the multibillion dollar partnership with Microsoft and the debates over safety ethics and regulation that Altman has been forced to navigate on the global stage Across more than 30 000 words of research and storytelling you ll discover Altman s childhood education and first ventures in tech Lessons from Loopt and his years shaping the next generation of startups at Y Combinator The founding vision values and controversies of OpenAI

How GPT models evolved from obscure research projects into cultural phenomena The release of ChatGPT and the shockwaves it sent through business education and society Altman's views on AGI existential risk and the urgent need for regulation Criticisms and controversies that have tested his leadership The open ended possibilities of a future shaped by artificial intelligence from utopia to dystopia This is not only a biography of Sam Altman but a chronicle of our time the birth of an intelligence beyond human design and the extraordinary risks and opportunities it presents For anyone curious about where technology is heading and the people steering it this book offers both a portrait of a visionary and a reflection on the choices that will define the century The future of AI is being written now This is the story of the man holding the pen

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