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Yan Bai

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AI Value Creators Rob Thomas,Paul Zikopoulos,Kate Soule,2025-04 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 *Azure for Developers* Kamil Mrzygłód,2025-07-30 Advance your development career by mastering Microsoft Azure s latest tools and technologies to enhance existing applications and build powerful cloud native solutions Key Features Build and deploy Azure apps with web serverless and container based architectures Create end to end cloud solutions on Azure by integrating AI services monitoring tools and DevOps Upskill confidently with practical insights and real world development practices Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionSupercharge your development career by mastering Azure s evolving GenAI container and serverless capabilities to build scalable secure applications with confidence This third edition of Azure for Developers transforms complex cloud concepts into practical skills guiding you through the design deployment and management of cloud native solutions while eliminating infrastructure headaches Fully updated with Azure s latest features this hands on guide helps you automate DevOps pipelines with GitHub Actions deploy microservices using containers and integrate generative AI via Azure OpenAI to modernize your development workflows You will learn how to set up your environment streamline app deployment and implement robust service integrations using real world best practices The final section is a game changer for developers who want to stay ahead of the curve It shows you how to leverage Azure s AI and machine learning services to automate tasks fine tune models and build intelligent assistants and next generation workflows By the end you will have the confidence and capabilities to deliver production grade cloud solutions that meet real world demands and position yourself at the forefront of modern cloud development What you will learn Integrate data solutions like Azure Storage and managed SQL databases into your applications Embed monitoring into your application using Application Insights SDK Develop serverless solutions with Azure Functions and Durable Functions Automate CI CD workflows with GitHub Actions and Azure integration Build and manage containers using Azure Container

Apps Azure Container Registry ACR and App Service Design powerful workflows with both low code and full code approaches Enhance applications with AI and machine learning components Who this book is for This book is for cloud developers and engineers building applications with Microsoft Azure as well as those looking to begin a career in Azure development While a basic understanding of programming concepts is recommended the book covers both basic and advanced ideas and solutions making it valuable for beginners and experienced developers looking to enhance their skills

Building AI Applications

with Microsoft Semantic Kernel Lucas A. Meyer, 2024-06-21 Unlock the power of GenAI by effortlessly linking your C and Python apps with cutting edge models orchestrating diverse AI services with finesse and crafting bespoke applications through immersive real world examples Key Features Link your C and Python applications with the latest AI models from OpenAI Combine and orchestrate different AI services such as text and image generators Create your own AI apps with real world use case examples that show you how to use basic generative AI create images process documents use a vector database Purchase of the print or Kindle book includes a free PDF eBook Book Description In the fast paced world of AI developers are constantly seeking efficient ways to integrate AI capabilities into their apps Microsoft Semantic Kernel simplifies this process by using the GenAI features from Microsoft and OpenAI Written by Lucas A Meyer a Principal Research Scientist in Microsoft's AI for Good Lab this book helps you get hands on with Semantic Kernel It begins by introducing you to different generative AI services such as GPT 3.5 and GPT 4 demonstrating their integration with Semantic Kernel You'll then learn to craft prompt templates for reuse across various AI services and variables Next you'll learn how to add functionality to Semantic Kernel by creating your own plugins The second part of the book shows you how to combine multiple plugins to execute complex actions and how to let Semantic Kernel use its own AI to solve complex problems by calling plugins including the ones made by you The book concludes by teaching you how to use vector databases to expand the memory of your AI services and how to help AI remember the context of earlier requests You'll also be guided through several real world examples of applications such as RAG and custom GPT agents By the end of this book you'll have gained the knowledge you need to start using Semantic Kernel to add AI capabilities to your applications What you will learn Write reusable AI prompts and connect to different AI providers Create new plugins that extend the capabilities of AI services Understand how to combine multiple plugins to execute complex actions Orchestrate multiple AI services to accomplish a task Leverage the powerful planner to automatically create appropriate AI calls Use vector databases as additional memory for your AI tasks Deploy your application to ChatGPT making it available to hundreds of millions of users Who this book is for This book is for beginner level to experienced .NET or Python software developers who want to quickly incorporate the latest AI technologies into their applications without having to learn the details of every new AI service Product managers with some development experience will find this book helpful while creating proof of concept applications This book requires working knowledge of programming basics

Advances in Databases and Information Systems Joe Tekli, Johann

Gamper, Richard Chbeir, Yannis Manolopoulos, 2024-09-01 This volume LNCS 14918 constitutes the refereed proceedings of 28th European Conference ADBIS 2024 held in Bayonne France during August 28-31 2024 The 15 full papers presented were carefully reviewed and selected from 43 submissions The conference focuses on Algebra Models Schemata Discovery and Data Analysis Algorithms and Optimization Access Methods and Query Processing Advanced Architectures Machine Learning Large Language Models *The Singularity Is Nearer* Ray Kurzweil, 2024-06-25 AN INSTANT NEW YORK TIMES

BESTSELLER ONE OF TIME'S 100 MOST INFLUENTIAL PEOPLE IN ARTIFICIAL INTELLIGENCE The noted inventor and futurist's successor to his landmark book *The Singularity Is Near* explores how technology will transform the human race in the decades to come Since it was first published in 2005 Ray Kurzweil's *The Singularity Is Near* and its vision of an exponential future have spawned a worldwide movement Kurzweil's predictions about technological advancements have largely come true with concepts like AI intelligent machines and biotechnology now widely familiar to the public In this entirely new book Ray Kurzweil brings a fresh perspective to advances toward the Singularity assessing his 1999 prediction that AI will reach human level intelligence by 2029 and examining the exponential growth of technology that in the near future will expand human intelligence a millionfold and change human life forever Among the topics he discusses are rebuilding the world atom by atom with devices like nanobots radical life extension beyond the current age limit of 120 reinventing intelligence by connecting our brains to the cloud how exponential technologies are propelling innovation forward in all industries and improving all aspects of our well being such as declining poverty and violence and the growth of renewable energy and 3 D printing He also considers the potential perils of biotechnology nanotechnology and artificial intelligence including such topics of current controversy as how AI will impact employment and the safety of autonomous cars and After Life technology which aims to virtually revive deceased individuals through a combination of their data and DNA The culmination of six decades of research on artificial intelligence *The Singularity Is Nearer* is Ray Kurzweil's crowning contribution to the story of this science and the revolution that is to come **Silicon Empires** Nick

Srnicek, 2025-12-23 Since the emergence of ChatGPT generative AI has been heralded as a technology poised to revolutionize our world But beyond the hype and hyperbole who truly wields power over this transformative technology In *Silicon Empires* Nick Srnicek explores the geopolitical economy of artificial intelligence revealing how a handful of powerful corporations and states are engaged in a monumental struggle to control its future Srnicek moves beyond the headlines to lay bare the elaborate strategies that these silicon empires from tech giants to great powers are deploying to capture the immense value of AI This incisive analysis uncovers the deep seated tensions between corporate ambitions and national interests and the profound consequences of this new era of technological competition As the race for AI supremacy accelerates Srnicek compellingly demonstrates that the decisions being made in the boardrooms of Silicon Valley and the halls of government will shape the distribution of wealth and power on a global scale for decades to come *Annual Report* United States.

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(Jr.),Dana E. Harrison,Haya Ajjan,2021 We developed this new book with enthusiasm and great optimism Marketing analytics
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by digital data expanded analytical capabilities information technology social media artificial intelligence and many other
recent developments We believe this book will become the premier source for new and essential knowledge in data analytics
particularly for situations related to marketing decision making that can benefit from marketing analytics which is likely 80
percent of all challenges faced by organizations *The Literary Digest* ,1914

Openai Prices Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has been much more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Openai Prices**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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