platform.openai.com/settings/organization/billing/overview

New Chrome available

Nb Prompt / Default project

Playground   Dashboard   Docs   API reference

Settings

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Organization

General

API keys

Admin keys

Members

Projects

Billing

Limits

Usage

Data controls

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General

API keys

Webhooks

Cookbook

Forum

Billing

Overview   Payment methods   Billing history   Credit grants   Preferences

Pay as you go

Credit balance

$124.96

Add to credit balance   Cancel plan

Auto recharge is off
When your credit balance reaches $0, your API requests will stop working. Enable automatic recharge to automatically keep your credit balance topped up.

Enable auto recharge

Payment methods
Add or change payment method

Billing history
View past and current invoices

Preferences
Manage billing information

Usage limits
Set monthly spend limits

Pricing
View pricing and FAQs

Openai Guide Setup

Dr. Harald Gunia,Massimiliano Zattera,Karolina Galińska

Openai Guide Setup:

GPT Image 1.5 Explained: A Beginner's Guide to OpenAI's New Image Model, Features, and Real-World Use Cases StoryBuddiesPlay,2025-12-19 GPT Image 1 5 Explained A Beginner s Guide to OpenAI s New Image Model Features and Real World Use Cases A Beginner s Guide to OpenAI s New Image Model Features and Real World Use Cases Unlock the power of visual AI with GPT Image 1 5 Explained This comprehensive beginner s guide demystifies OpenAI s revolutionary image model offering clear explanations of its advanced features and practical applications Dive into the world of generative AI and learn how to transform ideas into stunning visuals effortlessly From understanding the core mechanics to mastering prompt engineering this book provides step by step instructions for creators marketers developers and enthusiasts Discover real world use cases across design marketing content creation and more Whether you re looking to enhance your creative workflow or simply curious about the cutting edge of AI this book equips you with the knowledge to harness GPT Image 1 5 s full potential Elevate your digital presence and artistic expression with the ultimate resource on OpenAI s latest innovation

Building LLMs for Production Louis-François Bouchard,Louie Peters ,2024-05-21 This is the most comprehensive textbook to date on building LLM applications all essential topics in an AI Engineer s toolkit Jerry Liu Co founder and CEO of LlamaIndex THE BOOK WAS UPDATED ON OCTOBER 2024 With amazing feedback from industry leaders this book is an end to end resource for anyone looking to enhance their skills or dive into the world of AI and develop their understanding of Generative AI and Large Language Models LLMs It explores various methods to adapt foundational LLMs to specific use cases with enhanced accuracy reliability and scalability Written by over 10 people on our Team at Towards AI and curated by experts from Activeloop LlamaIndex Mila and more it is a roadmap to the tech stack of the future The book aims to guide developers through creating LLM products ready for production leveraging the potential of AI across various industries It is tailored for readers with an intermediate knowledge of Python What s Inside this 470 page Book Updated October 2024 Hands on Guide on LLMs Prompting Retrieval Augmented Generation RAG Fine tuning Roadmap for Building Production Ready Applications using LLMs Fundamentals of LLM Theory Simple to Advanced LLM Techniques Frameworks Code Projects with Real World Applications Colab Notebooks that you can run right away Community access and our own AI Tutor Table of Contents Chapter I Introduction to Large Language Models Chapter II LLM Architectures Landscape Chapter III LLMs in Practice Chapter IV Introduction to Prompting Chapter V Retrieval Augmented Generation Chapter VI Introduction to LangChain LlamaIndex Chapter VII Prompting with LangChain Chapter VIII Indexes Retrievers and Data Preparation Chapter IX Advanced RAG Chapter X Agents Chapter XI Fine Tuning Chapter XII Deployment and Optimization Whether you re looking to enhance your skills or dive into the world of AI for the first time as a programmer or software student our book is for you From the basics of LLMs to mastering fine tuning and RAG for scalable reliable AI applications we guide you every step of the way *How to use ChatGPT* Bernhard Gaum,2023-03-29 How to use ChatGPT is a comprehensive guide to

understanding and utilizing one of the most powerful natural language processing NLP models available today Developed by OpenAI ChatGPT is a state of the art model that uses a transformer based architecture and pre training on a massive amount of text data to generate human like text This book is designed to provide readers with a solid understanding of ChatGPT including its capabilities and potential use cases It begins with an overview of the model and its development and then goes on to provide step by step instructions for setting up and using the model We also delve deeper into the techniques for adapting ChatGPT to specific tasks and domains such as fine tuning the model through pre training transfer learning and data augmentation In addition to providing the basics this book also covers advanced topics related to using ChatGPT including different parameters and settings that can be used to control the model s behavior and more complex use cases such as generating code or composing music We also showcase some of the most successful and innovative applications of the model including case studies and real world examples The book concludes with a discussion of the limitations and challenges of using ChatGPT in practical settings and resources for further learning and exploring the model Whether you are a business professional researcher developer or simply someone who is interested in natural language processing this book will provide you with the knowledge and tools you need to effectively use ChatGPT in your work **LLM Prompt Engineering for Developers** Aymen El Amri,2024-05-23 Explore the dynamic field of LLM prompt engineering with this book Starting with fundamental NLP principles progressing to sophisticated prompt engineering methods this book serves as the perfect comprehensive guide Key Features In depth coverage of prompt engineering from basics to advanced techniques Insights into cutting edge methods like AutoCoT and transfer learning Comprehensive resource sections including prompt databases and tools Book DescriptionLLM Prompt Engineering For Developers begins by laying the groundwork with essential principles of natural language processing NLP setting the stage for more complex topics It methodically guides readers through the initial steps of understanding how large language models work providing a solid foundation that prepares them for the more intricate aspects of prompt engineering As you proceed the book transitions into advanced strategies and techniques that reveal how to effectively interact with and utilize these powerful models From crafting precise prompts that enhance model responses to exploring innovative methods like few shot and zero shot learning this resource is designed to unlock the full potential of language model technology This book not only teaches the technical skills needed to excel in the field but also addresses the broader implications of AI technology It encourages thoughtful consideration of ethical issues and the impact of AI on society By the end of this book readers will master the technical aspects of prompt engineering appreciate the importance of responsible AI development making them well rounded professionals ready to focus on the advancement of this cutting edge technology What you will learn Understand the principles of NLP and their application in LLMs Set up and configure environments for developing with LLMs Implement few shot and zero shot learning techniques Enhance LLM outputs through AutoCoT and self consistency methods Apply transfer learning to adapt LLMs to

new domains Develop practical skills in testing scoring prompt effectiveness Who this book is for The target audience for LLM Prompt Engineering For Developers includes software developers AI enthusiasts technical team leads advanced computer science students and AI researchers with a basic understanding of artificial intelligence Ideal for those looking to deepen their expertise in large language models and prompt engineering this book serves as a practical guide for integrating advanced AI driven projects and research into various workflows assuming some foundational programming knowledge and familiarity with AI concepts *Ultimate ChatGPT Handbook for Enterprises* Dr. Harald Gunia,Massimiliano Zattera,Karolina Galińska,2023-11-20 Empowering the Global Workforce with ChatGPT Expertise KEY FEATURES Comprehensive Guide to GPT Evolution AI Capabilities and Prompt Engineering Design Patterns for Enterprise Personas Architectures and AI Assistants Management of the GPT Solution Development Cycle DESCRIPTION Ultimate ChatGPT Handbook for Enterprises is your indispensable resource for navigating the transformative world of ChatGPT within the enterprise domain It provides a deep dive into ChatGPT s evolution capabilities and its potential to democratize technology interactions through natural language Throughout its chapters you ll embark on a journey that spans from comprehending the lineage of GPT models to mastering advanced prompt engineering techniques It will help you take a step into a futuristic enterprise landscape where ChatGPT seamlessly collaborates with human intelligence fundamentally transforming daily work routines across various enterprise roles The latter chapters will help you attain proficiency in managing GPT projects discovering the agile and iterative approach to GPT solution life cycles using real world scenarios You will also be introduced to practical GPT implementation frameworks for both Python and Java This book offers practical insights and applicable skills fostering informed dialogue and active participation in the ongoing enterprise AI revolution If you want to stay at the forefront of the rapidly evolving AI landscape and unlock enterprise excellence through ChatGPT this book is your go to companion WHAT WILL YOU LEARN Discover strategies to maximize ChatGPT s capabilities fostering innovation and process optimization across global industry sectors Develop proficiency in crafting effective prompts using Prompt Engineering for seamless AI interactions enhancing ChatGPT s utility in enterprise contexts Acquire the expertise to design intelligent assistants that elevate enterprise operations promoting efficiency and innovation Gain practical skills to implement ChatGPT solutions using Python and Java enabling seamless integration with your enterprise systems Learn effective project management from initiation to validation and change management ensuring successful GPT solution implementation in enterprises Explore how ChatGPT can reshape various roles boosting productivity and fostering harmonious AI human collaboration in the workplace WHO IS THIS BOOK FOR This book is designed for business professionals IT specialists and AI enthusiasts who are eager to delve into the transformative world of ChatGPT and its applications in the enterprise landscape A foundational understanding of AI concepts and familiarity with enterprise dynamics will be beneficial but not mandatory as the book is structured to guide readers from basic concepts to advanced implementations catering to both novices and experts alike TABLE OF

CONTENTS 1 From GPT 1 to ChatGPT 4 The Evolution Towards Generative AI 2 CapabilityGPT An Enterprise AI Capability Framework for ChatGPT 3 The Impact of ChatGPT on the Enterprise 4 Architecture Patterns enabled by GPT Models 5 Advanced GPT Prompt Engineering Techniques 6 Designing Prompt based Intelligent Assistants 7 Mastery of GPT Projects 8 LangChain GPT Implementation Framework for Python 9 predictive powers GPT Implementation Framework for Java APPENDIX A APPENDIX B   *ChatGPT for Cybersecurity Cookbook* Clint Bodungen,2024-03-29 Master ChatGPT and the OpenAI API and harness the power of cutting edge generative AI and large language models to revolutionize the way you perform penetration testing threat detection and risk assessment Get With Your Book PDF Copy AI Assistant and Next Gen Reader Free Key Features Enhance your skills by leveraging ChatGPT to generate complex commands write code and create tools Automate penetration testing risk assessment and threat detection tasks using the OpenAI API and Python programming Revolutionize your approach to cybersecurity with an AI powered toolkit Book DescriptionAre you ready to unleash the potential of AI driven cybersecurity This cookbook takes you on a journey toward enhancing your cybersecurity skills whether you re a novice or a seasoned professional By leveraging cutting edge generative AI and large language models such as ChatGPT you ll gain a competitive advantage in the ever evolving cybersecurity landscape ChatGPT for Cybersecurity Cookbook shows you how to automate and optimize various cybersecurity tasks including penetration testing vulnerability assessments risk assessment and threat detection Each recipe demonstrates step by step how to utilize ChatGPT and the OpenAI API to generate complex commands write code and even create complete tools You ll discover how AI powered cybersecurity can revolutionize your approach to security providing you with new strategies and techniques for tackling challenges As you progress you ll dive into detailed recipes covering attack vector automation vulnerability scanning GPT assisted code analysis and more By learning to harness the power of generative AI you ll not only expand your skillset but also increase your efficiency By the end of this cybersecurity book you ll have the confidence and knowledge you need to stay ahead of the curve mastering the latest generative AI tools and techniques in cybersecurity What you will learn Master ChatGPT prompt engineering for complex cybersecurity tasks Use the OpenAI API to enhance and automate penetration testing Implement artificial intelligence driven vulnerability assessments and risk analyses Automate threat detection with the OpenAI API Develop custom AI enhanced cybersecurity tools and scripts Perform AI powered cybersecurity training and exercises Optimize cybersecurity workflows using generative AI powered techniques Who this book is for This book is for cybersecurity professionals IT experts and enthusiasts looking to harness the power of ChatGPT and the OpenAI API in their cybersecurity operations Whether you re a red teamer blue teamer or security researcher this book will help you revolutionize your approach to cybersecurity with generative AI powered techniques A basic understanding of cybersecurity concepts along with familiarity in Python programming is expected Experience with command line tools and basic knowledge of networking concepts and web technologies is also required   ChatGPT eBook GURMEET SINGH DANG,   Computer

<u>Buyer's Guide and Handbook</u> ,2000 **ChatGPT Atlas Browser Guide 2025** Konstantin Titov,2025-10-22 ChatGPT Atlas Browser Guide 2025 How to Use OpenAI s AI Browser Agent Mode and Browser Memories on macOS Setup Privacy Controls and Productivity Workflows Be first move fast ChatGPT Atlas is OpenAI s new chat first web browser and this is one of the first hands on guides written for real users who want results not hype Whether you re a student creator analyst or team lead this book shows you exactly how to install Atlas on macOS set it up in minutes and turn everyday browsing into automated private high leverage workflows Atlas brings ChatGPT to any page adds optional browser memories and introduces Agent Mode so it can take actions for you with guardrails you control What you ll learn step by step Install set up on macOS sign in import passwords bookmarks history and tune the new tab Ask ChatGPT experience for speed Search less finish more use on page chat for instant summaries clean citations comparisons and follow up questions without copy paste context juggling Stay in control master Incognito the address bar page visibility toggle and data controls so Atlas only sees what you allow Learn how memories are optional visible archivable and deletable Agent Mode safely let ChatGPT click around for you researching planning and completing routine tasks while respecting built in limits e g it can t run code or install extensions and your approvals Power workflows research briefs competitor scans shopping carts study aids and executive summaries you can trust For families teams understand parental controls and Business Enterprise basics so you can enable features responsibly Who this book is for Students researchers who want faster reading better notes and self tests as they learn Professionals who live in the browser and need reliable automation for docs data and decisions Creators marketers who need quick comparisons curated sources and production ready summaries Team admins parents who care about privacy transparency and safe defaults Why this guide why now Atlas changes the center of gravity from URLs and tabs to conversation and action It s chat powered browsing with privacy controls and optional memories plus Agent Mode when you want hands off execution all shipping now on macOS with Windows iOS and Android experiences coming next We distill the launch details and best practices into a practical zero fluff playbook you can use on day one Up to date launch window coverage Written around the current release macOS availability Agent Mode preview for Plus Pro Business and the latest data controls parental controls so you re learning features that exist today not someday If you re ready to browse less and accomplish more ChatGPT Atlas Browser Guide 2025 is your fast start to the web s chat first future *Chatgpt | Generative AI - The Step-By-Step Guide For OpenAI & Azure OpenAI In 36 Hrs.* Ajit Dash,2023-08-27 Dive into the world of OpenAI and Azure OpenAI in 36 hrs with this comprehensive guide From understanding the fundamentals of AI and machine learning to exploring the power of GPT models and advanced NLP techniques this book equips you with the knowledge to leverage cutting edge technologies Learn how to harness tokens navigate installations and master prompt engineering Whether you re a developer data professional or AI enthusiast this book offers hands on engagement real world relevance and practical insights Unveil the potential of OpenAI and Azure OpenAI to transform your AI journey In this Step by Step Guide you ll find

clear and concise instructions practical examples and hands on exercises that will accelerate your learning journey From understanding the fundamentals of AI OpenAI Azure OpenAI Machine learning to exploring natural language processing and building chatbots you ll gain the knowledge and confidence to apply these technologies in real world scenarios CHAPTER SUMMARY Chapter 1 Introduction to OpenAI and Azure OpenAI Exploring OpenAI s mission Azure OpenAI s features benefits and differences between OpenAI and Azure OpenAI Chapter 2 Understanding AI and ML Delving into artificial intelligence and machine learning key components and the role of deep learning and neural networks Chapter 3 Introduction to NLP Basics of natural language processing techniques like tokenization and text classification and language model applications Chapter 4 Exploring GPT Models Overview of GPT models details of GPT 3 and GPT 4 their architecture capabilities and differences including GPT 3 5 Turbo and Codex Chapter 5 How Tokens Work Understanding tokens in GPT models their benefits and examples of successful Azure OpenAI implementations Chapter 6 Installation of OpenAI Setting up an OpenAI account exploring OpenAI product offerings understanding ChatGPT DALL E 2 and APIs Chapter 7 Installation of Azure OpenAI Installing and setting up Azure CLI creating an Azure account deploying models and utilizing Azure OpenAI playground and resources Chapter 8 GPT Model Architecture Unveiling the architecture of GPT models their history and learning more about LLM Chapter 9 Prompt Engineering Exploring prompt engineering in context shots text classification and various use cases Chapter 10 Content Filtering Examining content filtering goals methods and applications Chapter 11 Hallucination and Fine Tuning Understanding hallucination fine tuning and their best practices Chapter 12 Use Cases Installation instructions and examples of interview question generators stock market recommendations and building chatbots *The STEP-BY-STEP GUIDE FOR OPENAI AND AZURE OPENAI* AJIT DASH, **OpenAI Agents SDK** Morgan Devline,2025 **The OpenAI Guide** Reuben Davis,2023-02-23 The OpenAI Guide is a comprehensive and accessible resource for anyone looking to learn about artificial intelligence AI and its role in our modern world From the basics of AI and its history to the latest developments in machine learning and neural networks this guide covers all the key concepts and trends in AI today Through insightful chapters on the impact of AI in various industries including business healthcare transportation and finance readers will gain a deeper understanding of the ways AI is already shaping our world and its potential for the future The guide also delves into the ethical considerations and potential risks of AI as well as the steps involved in building an AI system and the current research trends in the field Whether you are a business leader a student or a curious individual looking to learn more about AI The OpenAI Guide provides a comprehensive and engaging introduction to this exciting and rapidly evolving field **GPT-4 Complete** Mark Huck,2023-04-03 Here is the definitive technical guide to GPT 4 as well as its loquacious counterpart ChatGPT Along with step by step examples for prompt engineering and fine tuning the book looks at the current discussions around the technology s promise and peril **Mastering OpenAI for Enterprise** Sriram Subramanian,2025-03-11 TAGLINE Master OpenAI and Unlock the Future of AI Powered Innovation KEY

FEATURES In depth exploration of OpenAI tools models and enterprise use cases Hands on projects with extensive code samples for practical learning Real world case studies with ethical AI insights and best practices DESCRIPTION OpenAI is transforming industries with cutting edge AI models redefining how businesses operate innovate and compete Mastering OpenAI for Enterprise is your definitive guide to harnessing the power of OpenAI s groundbreaking technologies including GPT models DALL E and more Designed for AI engineers developers and business leaders this book offers an in depth understanding of OpenAI s tools and their real world applications in enterprise settings This hands on guide provides a structured learning path featuring practical code samples step by step implementations and industry case studies that bridge theory with practice Whether you re building intelligent chatbots leveraging AI for automation or exploring generative AI for creative solutions this book equips you with the knowledge and skills to seamlessly integrate OpenAI into your workflows Ethical AI development and responsible implementation are also key themes ensuring that innovation is balanced with accountability As AI continues to evolve at an unprecedented pace mastering OpenAI is no longer optional it s essential The future belongs to those who can effectively leverage these technologies Don t get left behind equip yourself with the expertise needed to stay ahead in the AI revolution WHAT WILL YOU LEARN Gain expertise in OpenAI s models APIs and enterprise applications Build intelligent chatbots and virtual assistants using ChatGPT Implement ethical AI practices for responsible and fair deployment Optimize and deploy OpenAI models for scalable business solutions Analyze real world case studies to drive AI powered innovation Leverage generative AI to automate enhance and transform workflows WHO IS THIS BOOK FOR This book is tailored for both beginners and experienced professionals looking to harness the power of OpenAI Ideal for application architects developers AI engineers CTOs and technology leaders it provides the essential knowledge and hands on skills needed to integrate OpenAI solutions into enterprise applications effectively TABLE OF CONTENTS 1 OpenAI Primer 2 Deep Learning Transformers and OpenAI Tools 3 Natural Language Processing with GPTs 4 Computer Vision with DALL E and CLIP 5 Building Chatbots with ChatGPT 6 AI Ethics and Responsible AI 7 Deploying OpenAI Models 8 Case Studies and Best Practices Appendix Retrieval Augmented Generation RAG Index   **The Caterer and Hotel Proprietors' Gazette** ,1918   *Hands-On Intelligent Agents with OpenAI Gym* Praveen Palanisamy,2018-07-31 Implement intelligent agents using PyTorch to solve classic AI problems play console games like Atari and perform tasks such as autonomous driving using the CARLA driving simulator Key Features Explore the OpenAI Gym toolkit and interface to use over 700 learning tasks Implement agents to solve simple to complex AI problems Study learning environments and discover how to create your own Book Description Many real world problems can be broken down into tasks that require a series of decisions to be made or actions to be taken The ability to solve such tasks without a machine being programmed requires a machine to be artificially intelligent and capable of learning to adapt This book is an easy to follow guide to implementing learning algorithms for machine software agents in order to solve discrete or continuous sequential decision making and control tasks

Hands On Intelligent Agents with OpenAI Gym takes you through the process of building intelligent agent algorithms using deep reinforcement learning starting from the implementation of the building blocks for configuring training logging visualizing testing and monitoring the agent You will walk through the process of building intelligent agents from scratch to perform a variety of tasks In the closing chapters the book provides an overview of the latest learning environments and learning algorithms along with pointers to more resources that will help you take your deep reinforcement learning skills to the next level What you will learn Explore intelligent agents and learning environments Understand the basics of RL and deep RL Get started with OpenAI Gym and PyTorch for deep reinforcement learning Discover deep Q learning agents to solve discrete optimal control tasks Create custom learning environments for real world problems Apply a deep actor critic agent to drive a car autonomously in CARLA Use the latest learning environments and algorithms to upgrade your intelligent agent development skills Who this book is for If you re a student game machine learning developer or AI enthusiast looking to get started with building intelligent agents and algorithms to solve a variety of problems with the OpenAI Gym interface this book is for you You will also find this book useful if you want to learn how to build deep reinforcement learning based agents to solve problems in your domain of interest Though the book covers all the basic concepts that you need to know some working knowledge of Python programming language will help you get the most out of it *Creating ChatGPT Apps with JavaScript* Bruce Hopkins Jr.,Bruce Hopkins Sr.,2025-03-26 Transform your JavaScript expertise through the power of Open AI API models using Creating ChatGPT Apps with JavaScript This book will guide JavaScript developers to build smart applications while providing tangible knowledge of OpenAI s API for text summarization creating transcripts from audio files generating images and running models locally on your machine Through hands on projects and code examples readers will discover how to build AI powered apps from scratch such as using embeddings to train a Discord bot to answer customers questions in multiple languages Readers will also learn to dictate text for writing articles or blogs with a localized integration of Whisper and generate hero images with Dall E What s more in the final chapter of this book you ll be able to maximize productivity by creating a Smart Assistant like Alexa or Siri with JavaScript and the new Raspberry Pi 5 From seasoned developers to newcomers this book offers something for everyone Not only will readers learn to build apps with ChatGPT and JavaScript but they will also learn best practices for prompt engineering They ll understand how AI models can enhance workplace efficiency and utilize natural language processing NLP to make interactions with applications feel well natural The end result is expert knowledge in leveraging ChatGPT programmatically and incorporating the technology into diverse applications What You Will Learn Gain a deeper understanding of ChatGPT and how OpenAI s models work and different ways to implement each of their various features Authenticate with ChatGPT and OpenAI s API and learn to send prompts with best practices with prompt engineering Streamline productivity and content creation by leveraging transcription generation for dictation and image generation for creating hero images Stay ahead of the game by incorporating different

new features of OpenAI s API and understanding more complex concepts like using GPT 4 to train a Discord bot with an FAQ to assist with multilingual tech support Who This Book is for This book is written for JavaScript developers and hobbyists that want to use OpenAI and ChatGPT to create intelligent applications and streamline productivity No prior experience with ChatGPT or OpenAI APIs is required **OPENAI** PRASATH. SRIDHAR,2024 **OpenAI Codex CLI & Agents SDK for Developers** Todd Chandler,2025-11-03 OpenAI Codex CLI Agents SDK for Developers Create Test and Ship Agentic AI Systems that Boost Productivity and Reliability How do you move from experimenting with AI in the browser to building agents that live in your terminal follow your rules and scale across real production workflows This book gives developers AI engineers and DevOps professionals a direct path from local prototypes to fully governed testable and observable AI systems without guesswork or hype In a world where AI agents are redefining software development OpenAI Codex CLI Agents SDK for Developers delivers the hands on clarity professionals need to work CLI first You ll learn how to use OpenAI s Codex CLI for local iteration code modification and automation then elevate your work using the Agents SDK to create durable testable agent systems Each concept is anchored in practical examples you can run immediately guiding you from setup to policy enforcement evaluation telemetry and CI CD integration This is not a book about abstract theory It s about building real agentic systems that you can reason about test and trust Through structured workflows reproducible examples and consistent patterns you ll learn how to make AI work alongside you not above you You ll gain the skills to Install configure and use the Codex CLI to create agents directly from your project directory Write test and govern agents using the OpenAI Agents SDK in both TypeScript and Python Build reproducible local development environments using containers and transcripts Integrate tracing observability and evaluation metrics for performance and cost tracking Apply policy modules approval systems and guardrails for safe and compliant automation Design scalable multi agent architectures that balance autonomy with control Every chapter is built around real engineering patterns clear measurable and production ready By the final section you ll not only understand how these systems work but also have the confidence to build your own AI enabled workflows that enhance productivity and reduce operational risk Whether you re automating development tasks orchestrating agents across services or introducing AI to your enterprise stack this guide equips you with the practical tools and mental models to do it right safely reliably and at scale Build smarter faster and safer with AI agents that actually work Get your copy and start shipping the next generation of agentic systems today

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