OpenAI pricing

GPT-4

Model	Prompt	Completion
8K context	$0.03 / 1K tokens	$0.06 / 1K tokens
32K context	$0.06 / 1K tokens	$0.12 / 1K tokens

Chat

Model	Input	Output
4K context	$0.0015 / 1K tokens	$0.002 / 1K tokens
16K context	$0.003 / 1K tokens	$0.004 / 1K tokens

InstructGPT

Model	Usage
Ada	$0.0004 / 1K tokens
Babbage	$0.0005 / 1K tokens
Curie	$0.0020 / 1K tokens
Davinci	$0.0200 / 1K tokens

Image models

Resolution	Price
1024×1024	$0.020 / image
512×512	$0.018 / image
256×256	$0.016 / image

Embedding models

Model	Usage
Ada v2	$0.0001 / 1K tokens
Ada v1	$0.0040 / 1K tokens
Babbage v1	$0.0050 / 1K tokens
Curie v1	$0.0200 / 1K tokens
Davinci v1	$0.2000 / 1K tokens

Fine-tuning models

Model	Training	Usage
Ada	$0.0004 / 1K tokens	$0.0016 / 1K tokens
Babbage	$0.0006 / 1K tokens	$0.0024 / 1K tokens
Curie	$0.0030 / 1K tokens	$0.0120 / 1K tokens
Davinci	$0.0300 / 1K tokens	$0.1200 / 1K tokens

Audio models

Model	Usage
Whisper	$0.006 / minute (rounded to the nearest second)

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contains examples and sample code In addition to traditional Data Science experimentation in Azure Machine Learning AML that was covered in the first edition the authors cover new tools such as Azure AI Studio specifically for testing and experimentation with Generative AI models What s New in this Book Provides new concepts tools and technologies such as Large and Small Language Models Semantic Kernel and Automatic Function Calling Takes a deeper dive into using Azure AI Studio for RAG and Prompt Engineering design Includes new and updated case studies for Azure OpenAI Teaches about Copilots plugins and agents What You ll Learn Get up to date on the important technical aspects of Large Language Models based on Azure OpenAI as the reference platform Know about the different types of models GPT3 5 Turbo GPT4 GPT4o Codex DALL E and Small Language Models such as Phi 3 Develop new skills such as Prompt Engineering and fine tuning of Large Small Language Models Understand and implement new architectures such as RAG and Automatic Function Calling Understand approaches for implementing Generative AI using LangChain and Semantic Kernel See how real world projects help you identify great candidates for Applied AI projects including Large Small Language Models Who This Book Is For Software engineers and architects looking to deploy end to end Generative AI solutions on Azure with the latest tools and techniques **Unlocking the Potential of OpenAI's ChatGPT** DAVID YAO, Have you heard of OpenAI s ChatGPT but have no idea what it is or how to use it Look no further This book provides a comprehensive introduction to this revolutionary language model In this book the author takes you through the history of ChatGPT and its capabilities as well as its practical applications in fields such as customer service content creation and data analysis You ll also learn how ChatGPT works and what sets it apart from other language models But that s not all the book also provides hands on examples and tutorials to help you put your newfound knowledge into practice The author will also address the limitations of the model and provide tips on how to achieve optimal results Whether you re a data scientist business owner or student this book is a must read for anyone looking to understand and utilize the power of ChatGPT With its comprehensive understanding of ChatGPT and its potential to transform the way we work and learn this book is sure to be a valuable resource So why wait Get your hands on a copy today and let OpenAI s ChatGPT work for you *Reimagine Pricing* Jan Y. Yang,2025-06-11 This book highlights the transformative potential of AI enabled pricing showing how it empowers businesses to unlock revenue optimize customer experiences and gain a competitive edge By combining cutting edge AI technologies with actionable strategies it offers a comprehensive roadmap for organizations looking to move from reactive manual pricing processes to proactive data driven systems that predict adapt and create value in real time Focused on practical applications the book bridges the gap between technological innovation and real world implementation It features a unique blend of strategic insights technical examples including Python code and AI workflows and case studies from industries such as retail travel and manufacturing These examples demonstrate how companies have increased margins reduced churn and driven customer loyalty by leveraging AI It also explores fast evolving trends like autonomous systems blockchain transparency and ecosystem driven pricing making it

essential reading for professionals eager to future proof their pricing strategies A key contribution of the book is its focus on the human element of AI adoption It addresses challenges like resistance to change ethical considerations in pricing fairness and building trust with both internal teams and customers By reframing AI as an enabler rather than a replacement the book equips pricing professionals to transition from tactical roles to strategic leadership fostering collaboration between human intuition and machine intelligence The book raises provocative questions How can businesses harness AI without compromising ethics or transparency What skills will pricing teams need to thrive in an AI driven future And how can organizations align AI pricing with broader strategic goals It answers these questions by offering clear actionable solutions and a vision for integrating AI into the heart of business operations transforming pricing from a functional necessity into a strategic differentiator Designed for business leaders pricing experts and AI enthusiasts this book is not just a guide it s a call to action to embrace the future of AI enabled pricing with confidence creativity and purpose **Quick Start Guide to Large Language Models** Sinan Ozdemir,2023-09-20 The Practical Step by Step Guide to Using LLMs at Scale in Projects and Products Large Language Models LLMs like ChatGPT are demonstrating breathtaking capabilities but their size and complexity have deterred many practitioners from applying them In Quick Start Guide to Large Language Models pioneering data scientist and AI entrepreneur Sinan Ozdemir clears away those obstacles and provides a guide to working with integrating and deploying LLMs to solve practical problems Ozdemir brings together all you need to get started even if you have no direct experience with LLMs step by step instructions best practices real world case studies hands on exercises and more Along the way he shares insights into LLMs inner workings to help you optimize model choice data formats parameters and performance You ll find even more resources on the companion website including sample datasets and code for working with open and closed source LLMs such as those from OpenAI GPT 4 and ChatGPT Google BERT T5 and Bard EleutherAI GPT J and GPT Neo Cohere the Command family and Meta BART and the LLaMA family Learn key concepts pre training transfer learning fine tuning attention embeddings tokenization and more Use APIs and Python to fine tune and customize LLMs for your requirements Build a complete neural semantic information retrieval system and attach to conversational LLMs for retrieval augmented generation Master advanced prompt engineering techniques like output structuring chain ofthought and semantic few shot prompting Customize LLM embeddings to build a complete recommendation engine from scratch with user data Construct and fine tune multimodal Transformer architectures using opensource LLMs Align LLMs using Reinforcement Learning from Human and AI Feedback RLHF RLAIF Deploy prompts and custom fine tuned LLMs to the cloud with scalability and evaluation pipelines in mind By balancing the potential of both open and closed source models Quick Start Guide to Large Language Models stands as a comprehensive guide to understanding and using LLMs bridging the gap between theoretical concepts and practical application Giada Pistilli Principal Ethicist at HuggingFace A refreshing and inspiring resource Jam packed with practical guidance and clear explanations that leave you smarter about this

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