

Comparing OpenAI and ChatGPT



Differences in purpose and user interfaces

OpenAI is a research organization whose primary goal is to develop AI, providing tools for diverse applications.

ChatGPT is developed by OpenAI. Positioned as a chatbot, ChatGPT focuses on delivering lifelike conversational experiences.

Model training methods

OpenAI uses various machine learning methods. The models are trained with both labeled and unlabeled data.

GPT is pre-trained using vast amounts of unlabeled data to develop an intrinsic understanding of text.

Use cases and target audiences

OpenAI caters to developers, researchers, businesses, and organizations with diverse goals.

ChatGPT serves individuals seeking personalized virtual assistance or engaging in conversations with AI.

Cost and availability

OpenAI provides limited free access through its Playground and API platforms. Commercial use requires a subscription fee.

ChatGPT is accessible to anyone online. Offers paid versions: ChatGPT Plus and ChatGPT Enterprise.

Success rate and accuracy

OpenAI has demonstrated impressive performance on various benchmarks.

While acknowledging potential flaws or inconsistencies, ChatGPT remains a popular choice for interactive AI.



Openai Compare

James Scott



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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](https://www.linkedin.com/company/deitel) [facebook.com](https://www.facebook.com/deitel) [DeitelFan instagram.com](https://www.instagram.com/DeitelFan) [DeitelFan x.com](https://twitter.com/DeitelFan) [deitel youtube.com](https://www.youtube.com/DeitelTV) [DeitelTV mastodon social](https://www.mastodon.social/deitel) [deitel](https://www.deitel.com) For source code and updates visit [deitel.com/javafp5](https://www.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

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Python GPT Cookbook Dr. Neil Williams, 2025-03-19 DESCRIPTION GPT has redefined the landscape of AI enabling the creation of powerful language models capable of diverse applications The objective of the Python GPT Cookbook is to equip readers with practical recipes and foundational knowledge to build business solutions using GPT and Python The book is divided into four parts The first covers the basics the second teaches the fundamentals of NLP the third delves into applying GPT in various fields and the fourth provides a conclusion Each chapter includes recipes and practical insights to help readers deepen their understanding and apply the concepts presented This cookbook approach delivers 78 practical recipes including creating OpenAI accounts utilizing playgrounds and API keys You will learn text preprocessing embeddings fine tuning and GPT integration with Hugging Face Learn to implement GPT using PyTorch and TensorFlow convert models and build authenticated actions Applications include chatbots email summarization DBA copilots and use cases in marketing sales IP and manufacturing By the end of the book readers will have a robust understanding of GPT models and how to use them for real world NLP tasks along with the skills to continue exploring this powerful technology independently WHAT YOU WILL LEARN Learn Python OpenAI TensorFlow Hugging Face and vector databases Master Python for NLP applications and data manipulation Understand and implement GPT models for various tasks Integrate GPT with various architectural components such as databases third party APIs servers and data pipelines Utilise NLTK PyTorch and TensorFlow for advanced NLP projects Use Jupyter for interactive coding and data analysis WHO THIS BOOK IS FOR The Python GPT Cookbook is for IT professionals and business innovators who already have basic Python skills Data scientists ML engineers NLP engineers and ML researchers will also find it useful TABLE OF CONTENTS 1 Introduction to GPT 2 Crafting Your GPT Workspace 3 Pre processing 4 Embeddings 5 Classifying Intent 6 Hugging Face and GPT 7 Vector Databases 8 GPT PyTorch and TensorFlow 9 Custom GPT Actions 10 Integrating GPT with

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Computer Vision - ECCV 2024 Workshops Alessio Del Bue, Cristian Canton, Jordi Pont-Tuset, Tatiana Tommasi, 2025-05-20 The multi volume set LNCS 15623 until LNCS 15646 constitutes the proceedings of the workshops that were held in conjunction with the 18th European Conference on Computer Vision ECCV 2024 which took place in Milan Italy during September 29 October 4 2024 These LNCS volumes contain 574 accepted papers from 53 of the 73 workshops The list of workshops and distribution of the workshop papers in the LNCS volumes can be found in the preface that is freely accessible online

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author Hobson Lane is a data scientist and machine learning engineer with over twenty years of experience building autonomous systems and NLP pipelines Maria Dyshel is a social entrepreneur and artificial intelligence expert and the CEO and cofounder of Tangible AI Cole Howard and Hannes Max Hapke were co authors of the first edition

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