

Elevated Errors on API and ChatGPT

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Update - We are continuing to work on a fix; we have several improvements in-flight to help restore full access, and will keep you updated here.

Nov 21, 2023 - 16:33 PST

Update - We're continuing to work on a fix. The underlying issue is due to an issue with our database replicas. ChatGPT and non-completion API endpoints are partially impacted, while completion API endpoints including chat completions are only minimally impacted. We will post as we have more updates.

Nov 21, 2023 - 15:29 PST

Identified - The issue has been identified and a fix is being implemented.

Nov 21, 2023 - 14:14 PST

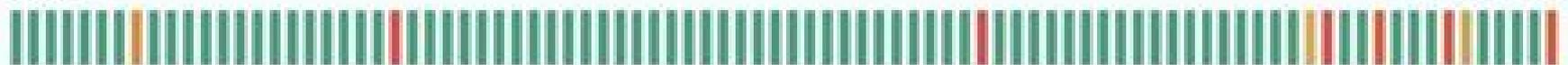
Investigating - We're experiencing an elevated level of API errors and are currently looking into the issue.

Nov 21, 2023 - 14:09 PST

Uptime over the past 90 days. [View historical uptime.](#)

API T

Partial Outage



90 days ago

99.64 % uptime

Today

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D Kirk



Openai Last 90 Days:

90-Day AI Readiness Sprint Daniel Mercery, Most organizations adopting AI do not need multi year transformation programs they need clarity prioritization and momentum 90 Day AI Readiness Sprint provides a focused tactical playbook for small teams that want to adopt AI safely and credibly without excessive cost or bureaucracy This book is structured as a practical sprint breaking AI readiness into clear phases that can be executed over ninety days It emphasizes decision making governance basics and stakeholder alignment rather than technical experimentation Readers are guided through prioritizing use cases identifying key risks and implementing low effort controls that materially reduce exposure The sprint approach helps leaders avoid analysis paralysis while ensuring AI adoption aligns with organizational values risk tolerance and regulatory expectations Key elements include A phased 90 day AI readiness roadmap Minimum viable governance and risk controls Practical checklists for data vendors and usage approval Stakeholder alignment and communication guidance Criteria for scaling or stopping AI initiatives Designed for SMB leaders and small teams this playbook enables confident responsible AI adoption without requiring large budgets or specialized expertise *ChatGPT & Co.* Rainer Hattenhauer,2024-09-18 Would you like to know how you can benefit from generative artificial intelligence AI Then this book will be of great help to you It shows you how AI can make your life easier and it will teach you what added value the current application scenarios of ChatGPT Midjourney and various other AI tools offer and where their limits lie Whether you want to write text conduct research generate images or create your own program code you can get started right away without any previous knowledge Bolstered with many practical examples from the most diverse areas of application this book presents ChatGPT as part of an ever growing toolkit and guides you on which tools to utilize and apply This is a valuable workbook for those looking to harness and incorporate ChatGPT and generative AI into their work studies or general life Key Features Demonstrates the profitable use of ChatGPT and other AI tools to make work easier at work and in everyday life Provides practical examples to help with perfect prompts Shows how to create impressive images with just a few words Provides programmers with powerful tools to make the creation of professional software a child s play Dives deeper into the topic of text generative AI for advanced users and provides valuable tips and tricks **Programming Large Language Models with Azure Open AI** Francesco Esposito,2024-04-03 Use LLMs to build better business software applications Autonomously communicate with users and optimize business tasks with applications built to make the interaction between humans and computers smooth and natural Artificial Intelligence expert Francesco Esposito illustrates several scenarios for which a LLM is effective crafting sophisticated business solutions shortening the gap between humans and software equipped machines and building powerful reasoning engines Insight into prompting and conversational programming with specific techniques for patterns and frameworks unlock how natural language can also lead to a new advanced approach to coding Concrete end to end demonstrations featuring Python and ASP NET Core showcase versatile patterns of interaction between existing

processes APIs data and human input Artificial Intelligence expert Francesco Esposito helps you Understand the history of large language models and conversational programming Apply prompting as a new way of coding Learn core prompting techniques and fundamental use cases Engineer advanced prompts including connecting LLMs to data and function calling to build reasoning engines Use natural language in code to define workflows and orchestrate existing APIs Master external LLM frameworks Evaluate responsible AI security privacy and accuracy concerns Explore the AI regulatory landscape Build and implement a personal assistant Apply a retrieval augmented generation RAG pattern to formulate responses based on a knowledge base Construct a conversational user interface For IT Professionals and Consultants For software professionals architects lead developers programmers and Machine Learning enthusiasts For anyone else interested in natural language processing or real world applications of human like language in software

The Stockman's Handbook M. Eugene Ensminger, 1978

[Cloud Security Handbook](#) Eyal Estrin, 2025-04-30 A complete guide to securing the core components of cloud services with practical real world examples using the built in security features of Azure AWS and GCP Key Features Discover hands on techniques for implementing robust cloud security implementation Protect your data and cloud infrastructure with tailored security strategies for your business Learn how to implement DevSecOps apply encryption detect threats and misconfigurations and maintain cloud compliance Purchase of the print or Kindle book includes a free PDF eBook Book Description Securing cloud resources is no easy task each provider has its unique set of tools processes and challenges demanding specialized expertise This book cuts through the complexity delivering practical guidance on embedding security best practices across the core infrastructure components of AWS Azure and GCP It equips information security professionals and cloud engineers with the skills to identify risks and implement robust security controls throughout the design deployment and maintenance of public cloud environments Starting with the shared responsibility model cloud service models and deployment models this book helps you get to grips with fundamental concepts such as compute storage networking identity management and encryption You ll then explore common threats and compliance requirements for cloud environments As you progress you ll implement security strategies across deployments ranging from small scale environments to enterprise grade production systems including hybrid and multi cloud setups This edition expands on emerging topics like GenAI service security and DevSecOps with hands on examples leveraging built in security features of AWS Azure and GCP By the end of this book you ll confidently secure any cloud environment with a comprehensive understanding of cloud security principles What you will learn Grasp the fundamental concepts of cloud services Secure compute storage and networking services across cloud platforms Get to grips with identity management in the cloud Secure Generative AI services in the cloud Audit and monitor cloud services with a security focused approach Identify common threats and implement encryption to safeguard cloud services Implement security in hybrid and multi cloud environments Design and maintain scalable security for large scale cloud deployments Who this book is for This book is for IT professionals

and information security personnel taking their first steps in the public cloud or migrating existing environments to the cloud Cloud engineers cloud architects and cloud security professionals responsible for maintaining production environments in the cloud will also benefit from this book Prior experience with deploying virtual machines using storage services and networking will help you to get the most out of this book

AI Governance Handbook Sunil Gregory, Anindya Sircar, 2025-09-15

Enterprise AI represents a transformative moment in technology empowering businesses to unlock the potential of data automation and advanced analytics It drives innovation streamlines operations and amplifies competitiveness in an increasingly digital economy Yet as promising as this technology is adopting Enterprise AI is no simple feat It demands a strategic alignment of AI initiatives with organizational goals while addressing many complex risks and challenges Businesses face a new frontier of operational dilemmas from algorithmic bias and data privacy concerns to the legal and ethical quandaries of AI generated content Questions of accountability for AI actions intellectual property rights and the threat of data laundering or AI hallucinations further complicate the landscape Amid these challenges enterprises are tasked with navigating a pre regulatory era where global authorities are racing to establish policies and frameworks for a trustworthy and lawful AI ecosystem The AI Governance Handbook is a comprehensive guide tailored for stakeholders at the forefront of AI adoption executives managers data scientists engineers and compliance professionals This essential resource provides the knowledge tools and strategies to lead organizations through the complexities of implementing AI responsibly and effectively Packed with actionable insights the handbook explores critical topics such as aligning AI strategies with organizational objectives managing ethical dilemmas adhering to emerging regulations and fostering transparency in AI operations It offers readers a roadmap to build a resilient and dependable AI framework prioritizing fairness accountability and innovation

Auditing Artificial Intelligence Albert J. Marcella, 2025-10-07

Artificial Intelligence AI is revolutionizing industries yet its rapid evolution presents unprecedented challenges in governance ethics and security Auditing Artificial Intelligence is an essential guide for IT auditors information security experts and risk management professionals seeking to understand evaluate and mitigate AI related risks This book provides a structured framework for auditing AI systems covering critical areas such as governance compliance algorithm transparency ethical accountability and system performance With 24 insightful chapters it explores topics including AI Governance and Ethics Establishing frameworks to ensure fairness accountability and transparency in AI deployments Risk Management and Compliance Addressing the legal and regulatory landscape including GDPR the EU AI Act and ISO standards Bias and Trustworthiness Evaluating AI decision making to detect bias and ensure equitable outcomes Security and Continuous Monitoring Safeguarding AI systems from adversarial attacks and ensuring operational consistency Model Performance and Explainability Assessing AI outputs refining accuracy and ensuring alignment with business objectives Designed for professionals tasked with assessing AI systems this book combines practical methodologies industry standards and real world audit questions to help organizations build

responsible and resilient AI practices and assess associated risks Whether you are assessing AI governance monitoring AI driven risks or ensuring compliance with emerging regulations this handbook provides the guidance you need to navigate and assess the complexities of AI systems with confidence Stay ahead in your role and responsibility for assessing the rapidly evolving deployment and use of AI across the organization equip yourself with the knowledge and tools to ensure its responsible safe approved secure and ethical use

The Economic Impacts and the Regulation of AI: A Review of the Academic Literature and Policy Actions Mariarosaria Comunale,Andrea Manera,2024-03-22 We review the literature on the effects of Artificial Intelligence AI adoption and the ongoing regulatory efforts concerning this technology Economic research encompasses growth employment productivity and income inequality effects while regulation covers market competition data privacy copyright national security ethics concerns and financial stability We find that i theoretical research agrees that AI will affect most occupations and transform growth but empirical findings are inconclusive on employment and productivity effects ii regulation has focused primarily on topics not explored by the academic literature iii across countries regulations differ widely in scope and approaches and face difficult trade offs

Gazeta Mercantil ,1988 **The Billboard** ,1926
The Iron Age ,1906 The Gramophone ,1927 **British Medical Journal** ,1894 Sportsmen's Review ,1932
National Duroc Record-bulletin ,1983-07 The Scottish Farmer ,1923 **The Saturday Evening Post** ,1953
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web reflection and refraction of light light is an electromagnetic wave visible light is the part of the electromagnetic spectrum with wavelength between about 400 nm ultraviolet and 700 nm red in this chapter we will study what happens when a ray of light strikes a surface or travels from one medium to another

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web the refractive index tells you the speed of light in a given material it is defined as $n = c/v$ where c is speed of light in vaccum and v is velocity of light in the material the refractive index is used in not defined by snell s law which relates the angle of incidence to the angle of refraction when light passes from one material into

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web for light refraction follows snell's law which states that for a given pair of media the ratio of the sines of the angle of incidence and angle of refraction is equal to the ratio of phase velocities in the two media or equivalently to the refractive indices of the two media

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web jul 17 2023 when rays of light strike a spherical surface separating two transparent media with different refraction indices the light rays will be refracted in the same plane per the law of refraction the amount of refraction will depend on the angle of incidence and dioptric power of the spherical surface

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web for the ray to reflect back from the fourth medium it has to be a total internal reflection we are only considering primary rays so this is not a partial reflection which can only occur when light is going from a higher index of refraction to a lower one so $n_3 > n_4$

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web the change in direction of a beam of light as it travels from one material to another is called refraction the normal is a construction line drawn at right angles to the surface of the glass

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web we see the light reflected off a mirror coming from a direction determined by the law of reflection the changing of a light ray s direction loosely called bending when it passes through variations in matter is called refraction

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web 3 2 2 references what is reflection when a ray of light comes back into the same medium after striking the surface of another medium then the phenomenon is called reflection of light in other words reflection is the bouncing back of the light rays from a surface in the same medium what is refraction

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web 692 reflection and refraction of light p25 9 a as measured from the diagram the incidence angle is 60 and the refraction angle is 35 from snell s law $\sin \theta_1 / v_1 = \sin \theta_2 / v_2$ then $\sin \theta_1 = \sin 60 / (2/3) = \sin \theta_2 / 2$ and the speed of light in the block is $20/10 = 2$ ms b the frequency of the light does not change upon refraction

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web there are two laws that govern how light changes direction when it interacts with matter the law of reflection for situations in which light bounces off matter and the law of refraction for situations in which light passes through matter in this section we consider the geometric optics of reflection

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