



ChatGPT Timeline

OPENAI CLACE

Nov 30 '22

ChatGPT was launched and made open for public trial.

Dec 8 '22

ShareGPT helps ChatGPT users to share their conversations.

Feb 1 '23

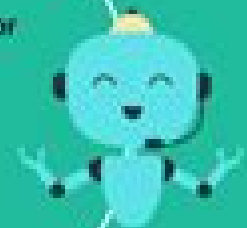
OpenAI launched GPT Plus for \$20 per month.

Feb 7 '23

Microsoft launched Bing Chat with inbuilt ChatGPT

Mar 1 '23

OpenAI launched API for ChatGPT.



Apr 1 '23

Italy blocked the usage of ChatGPT in their country

Mar 23 '23

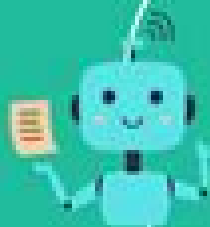
ChatGPT Plugins are launched

Mar 14 '23

OpenAI launched GPT-4 for ChatGPT Plus users

Mar 9 '23

Azure OpenAI services made ChatGPT available.



Apr 4 '23

Y Combinator-backed startups are trying to build ChatGPT-integrated services.

Apr 12 '23

Researchers found that ChatGPT displays toxic behavior more than expected

Apr 12 '23

Italy provides OpenAI with conditions for lifting suspension from ChatGPT

Apr 20 '23

Yokosuka is Japan's first city to use ChatGPT for administrative work

Jul 18 '23

chatGPT Announced the release of Code Interpreter plugin

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Amine HBI



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Quick Start Guide to Large Language Models Sinan Ozdemir, 2024-09-26 The Practical Step by Step Guide to Using LLMs at Scale in Projects and Products Large Language Models LLMs like Llama 3 Claude 3 and the GPT family are demonstrating breathtaking capabilities but their size and complexity have deterred many practitioners from applying them In Quick Start Guide to Large Language Models Second Edition 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 and hands on exercises Along the way he shares insights into LLMs inner workings to help you optimize model choice data formats prompting fine tuning performance and much more The resources on the companion website include sample datasets and up to date code for working with open and closed source LLMs such as those from OpenAI GPT 4 and GPT 3.5 Google BERT T5 and Gemini X Grok Anthropic the Claude family 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 building retrieval augmented generation RAG chatbots and AI Agents Master advanced prompt engineering techniques like output structuring chain of thought prompting and semantic few shot prompting Customize LLM embeddings to build a complete recommendation engine from scratch with user data that outperforms out of the box embeddings from OpenAI Construct and fine tune multimodal Transformer architectures from scratch using open source LLMs and large visual datasets Align LLMs using Reinforcement Learning from Human and AI Feedback RLHF RLAIIF to build conversational agents from open models like Llama 3 and FLAN T5 Deploy prompts and custom fine tuned LLMs to the cloud with scalability and evaluation pipelines in mind Diagnose and optimize LLMs for speed memory and performance with quantization probing benchmarking and evaluation frameworks A refreshing and inspiring resource Jam packed with practical guidance and clear explanations that leave you smarter about this incredible new field Pete Huang author of The Neuron Register your book for convenient access to downloads updates and or corrections as they become available See inside book for details [BIOHACKING: A QUICK START GUIDE](#) Samuel James, Samuel Inbaraja using ChatGPT, Welcome to Biohacking A Quick Start Guide This book is your ultimate roadmap to diving into the fascinating world of biohacking a field that merges biology with self improvement techniques to optimize your body and mind If you re new to the concept biohacking might sound like something out of a sci fi movie but it s very much real and accessible Whether you re looking to boost your mental clarity enhance your physical performance or simply live a healthier life biohacking offers practical strategies and cutting edge technologies to help you achieve your goals *Microsoft Copilot Studio Quick Start* Jared Matfess, 2025-08-07 A practical and accessible guide to

Microsoft's Copilot Studio In Microsoft Copilot Studio Quick Start author Jared Matfess delivers an easy to read and hands on guide to navigating Microsoft's newest generative AI platform From introductions to the Copilot ecosystem and Copilot Studio to building your first custom agent publishing it across different environments and measuring its results so you can optimize its impact this book walks you through the steps you need to take to use this powerful new tool You'll learn to extend your Copilot's functionality from knowledge agents to semi autonomous agents that can perform actions on your behalf by integrating with third party APIs and other Microsoft services via Power Platform connectors Microsoft Copilot Studio Quick Start provides Industry use cases from healthcare finance retail and government that include a problem statement solution overview and business outcomes Strategies for enhancing Copilot with agents complete with an introduction to the agent architecture and tips for debugging and testing your agents A comprehensive discussion of the future of Copilot Studio and AI development Perfect for tech savvy professionals interested in unlocking the full potential of Microsoft's Copilot Studio Microsoft Copilot Studio Quick Start is also a must read resource for everyone who wants to build exciting new software tools driven by generative AI in the Microsoft ecosystem

The Quick Guide to Prompt Engineering Ian Khan, 2024-03-19 Design and use generative AI prompts that get helpful and practical results in this concise and quick start guide In The Quick Guide to Prompt Engineering renowned technology futurist and AI thought leader Ian Khan delivers a practical and insightful resource for taking the first steps in understanding and learning how to use generative AI You will learn how to design and use prompts to get the most out of Large Language Model generative AI applications like ChatGPT DALL E Google's Bard and explore how to understand generative artificial intelligence and how to engineer prompts in a wide variety of industry use cases You'll also find illuminating case studies and hands on exercises as well as step by step guides to get you up to speed on prompt engineering in no time at all The book has been written for the non technical user to take the first steps in the world of generative AI Along with a helpful glossary of common terms lists of useful additional reading and resources and other resources you'll get Explanations of the basics of generative artificial intelligence that help you to learn what's going on under the hood of ChatGPT and other LLMs Stepwise guides to creating effective efficient and ethical prompts that help you get the most utility possible from these exciting new tools Strategies for generating text images video voice music and other audio from various publicly available artificial intelligence tools Perfect for anyone with an interest in one of the newest and most practical technological advancements recently released to the public The Quick Guide to Prompt Engineering is a must read for tech enthusiasts marketers content creators technical professionals data experts and anyone else expected to understand and use generative AI at work or at home No previous experience is required

The PMM's Prompt Playbook David E. Sweenor, 2025-02-18 Product marketers face mounting pressure to deliver more content campaigns and insights with limited time and resources Unfortunately most are using elementary prompts and struggle to incorporate generative AI into their daily workflows in ways that save time and drive

impact As a marketing leader with 20 years in data and analytics I've tested hundreds of AI workflows and have identified what actually works for B2B product marketing The PMM's Prompt Playbook Mastering Generative AI for B2B Marketing Success distills that experience into practical workflows that help you better understand customer needs build rich personas analyze competitors enable sales teams and plan product launches There are no theoretical discussions about AI potential just proven prompt driven workflows that cut research time accelerate content creation and improve marketing outcomes Each chapter walks through specific workflows that are refined through real world applications You'll learn how to extract insights from customer feedback create targeted content for different buyer personas build compelling product narratives and accelerate launch planning This is a practical guide for working smarter Want to analyze a competitor's positioning in minutes instead of hours Need to generate targeted content for five different personas Looking to speed up launch planning without sacrificing quality The workflows in this playbook show you how Written for busy product marketers who need proven solutions this guide helps you deliver quick wins that drive real business impact Every prompt and process has been tested and refined through hands on experience in B2B technology marketing Remember it's not the tech that's tiny just the book

AI QUC'S: Quick Guide to Business & Marketing Amine HBI, 2025-06-27 In a world dominated by speed automation and smart execution the new business leaders are digital AI QUC'S is your ultimate Quick Use Case Guide to mastering business and marketing with artificial intelligence Built for entrepreneurs marketers digital CEOs and startup founders this playbook cuts through the noise to deliver fast practical strategies powered by AI Whether you're building your brand scaling your outreach automating workflows or closing sales this guide shows you exactly how to use AI as your competitive edge What you'll learn How to lead with AI not fear it Step by step frameworks for marketing automation AI prompts that save hours and generate results Tools for branding content creation email sales and market research Use cases for every stage startup growth and scale Each chapter includes ready to use prompts productivity shortcuts and smart decision strategies all designed to empower fast execution Created by Amine HBI founder of AI Executaire and the HBI Ecosystem this book transforms AI from a buzzword into your best performing business partner Don't just build a business Build with AI Lead with vision Execute with speed

AI-Powered Ecommerce Mastery: Launch & Grow an Online Store with ChatGPT (Step-by-Step Guide for Beginners) Grant Wesley Carter, 2025-07-07 Launch a Smarter Online Store Using AI start using AI from day one Proven Methods Included Based on successful AI e-commerce models and real world prompt libraries Builds Real Results Focused on practical prompts templates and frameworks that drive traffic and sales Future Proof Blueprint Leverages latest AI advances like GPT 4 integration plugins and cutting edge automation tactics What You'll Gain Benefit Real World Empowerment Launch Faster Use AI to set up product pages marketing and chatbots in days Save Time and Reduce Costs Automate repetitive tasks free up time for growth Increase Conversions Generate persuasive content and product recommendations with AI prompts Scale Intelligently Analyze and optimize your store with AI insights Stay Ahead of

Competitors Integrate best in class AI tactics proven by ecommerce leaders Who This Book Is For Entrepreneurs launching or managing Shopify WooCommerce or marketplace stores Side hustlers and small shop owners seeking automation and scalability Anyone ready to elevate their online business using AI tools in 2025 Ready to build a profitable AI powered store and reclaim your time Click Add to Cart for AI Powered Ecommerce Mastery your essential guide to launching smarter scaling faster and working less

Proceedings of 2024 4th International Conference on Public Management and Big Data Analysis (PMBDA 2024) Soon M. Chung,Fairouz Kamareddine,Azah Kamilah Draman,Sim Kwan Yong,2025-02-28 PMBDA 2024 This book is an open access As a leading role in the global megatrend of scientific innovation China has been creating a more and more open environment for scientific innovation increasing the depth and breadth of academic cooperation and building a community of innovation that benefits all Such endeavors are making new contributions to the globalization and creating a community of shared future To adapt to this changing world and China s fast development in the new era 2024 4th International Conference on Public Management and Big Data Analysis PMBDA 2024 to be held in December 20 22 Qingdao China This conference takes bringing together global wisdom in scientific innovation to promote high quality development as the theme and focuses on cutting edge research fields including Public Management and Big Data Analysis PMBDA 2024 encourages the exchange of information at the forefront of research in different fields connects the most advanced academic resources in China and the world transforms research results into industrial solutions and brings together talent technology and capital to drive development The conference sincerely invites experts scholars business people and other relevant personnel from universities scientific research institutions at home and abroad to attend and exchange With the rapid development of science and technology the era of Big Data is coming A comprehensive view of the development of modern society can be found With the development of institutionalization and democratization of public power operation public management in the era of big data is facing numerous challenges Public management in the era of big data is facing challenges as well as opportunities How to overcome the bottleneck of traditional public management in the context of big data is the goal pursued by this conference

New Horizons in Artificial Intelligence in Libraries Edmund Balnaves,Leda Bultrini,Andrew Cox,Raymond Uzwysyn,2024-12-16 There is increasing use of AI technologies in many aspects of library operations and types of libraries This ranges across public national research academic and special libraries and includes public and reference services automated classification special and research collections archives and customer service through chatbots and discovery systems Vendors are also adding elements of AI in new and existing library products including search and discovery and research platforms and recommender systems The role and impact of AI present opportunities and challenges and open future possibilities IT plays a significant role in the development and use of AI technologies but ethical considerations and wider organizational thinking must also play an equally significant role AI s uses can have considerable impact and possible unintended consequences on library operations and services and wider societal

implications All of this is considered in this both pragmatic and wider philosophical text This publication provides an opportunity to explore developing new library AI paradigms including present use case practical implementation and opportunities on the horizon as well as current large ethics questions and needs for transparency scenario planning considerations and implications of bias as library AI systems are developed and implemented presently and for our collective future

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web google classroom simplify the following rational expression and express in expanded form $\frac{y^4 - 5y^2 + 6}{y^5 - 12y^3 + 3}$ which real values of y make the expression undefined choose all answers that apply $y = 0$ a $y = 0$ b $y = 3$ c $y = 1$ d $y = 3$

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web oct 19 2020 the numbers 1 to 4 represent hits and 5 and 6 represent misses spin a spinner with three equal sections three times on the spinner one section represents a

express the following rational number as decimal 4 9 - Nov 16 2021**9 4 simplify complex rational expressions mathematics** - Sep 07 2023

web aug 24 2020 a complex rational expression is a rational expression in which the numerator and or the denominator contains a rational expression here are a few

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web rational expressions are multiplied together using exactly the same three steps since rational expressions tend to be

longer than arithmetic fractions we can simplify the

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web aug 24 2020 in the following exercises simplify each complex rational expression by writing it as division 1 2a a 4 4a2 a2 16 answer 2 3b b 5 b2 b2 25 3 5 c2

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web free worksheet with answer keys on rational expressions simplifying dividing adding multiplying and more each one has model problems worked out step by step practice

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web simplifying rational expressions the quotient of two polynomial expressions is called a rational expression we can apply the properties of fractions to rational expressions

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web given rational number is $\frac{4}{9}$ now we have to express this rational number into decimal form so we will use long division method therefore $4 \div 9 = 0.444 \dots$ $\overline{4}$

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web key takeaways when adding or subtracting rational expressions with a common denominator add or subtract the expressions in the numerator and write the result over

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web oct 6 2021 when multiplying fractions we can multiply the numerators and denominators together and then reduce as illustrated $\frac{3}{5} \times \frac{5}{9} = \frac{3 \times 5}{5 \times 9} = \frac{1}{3}$

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web 1 5 section exercises 1 the terms of a polynomial do not have to have a common factor for the entire polynomial to be factorable for example $4x^2$ and $9y^2$ don't have a

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web be prepared 7 12 solve the formula $5x^2y + 10$ for y if you missed this problem review example 2 31 after defining the terms expression and equation earlier we have used

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web apr 24 2018 $\frac{x^2 + 6x + 9}{x^2 + 9}$ solution $\frac{2x^2 + 28x + 20}{x^2}$ solution for problems 4 7 perform the indicated

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