Woher kommt der Sauerstoff?

geschrieben von Michael Poost | 3. Januar 2025

Die Mär von der grünen Lunge.

Was sie schon immer über das Klima wissen wollten

geschrieben von Michael Poost | 3. Januar 2025

«Deutschland ist das dümmste Land in der Klimadebatte»: Wissenschafts-Journalist Axel Bojanowski über Forschung, Fakten, Fa«Deutschland ist das dümmste Land in der Klimadebatte»: Wissenschafts-Journalist Axel Bojanowski über Forschung, Fakten, Fake News.

Wissenschafts-Journalist Bojanowski: «Deutschland ist das dümmste Land in der Klimadebatte»

Quaschning: Jetzt Zuviel Strom im Netz — Statt Dunkelflaute nun HellBrise

geschrieben von Michael Poost | 3. Januar 2025

Und Prof Quaschning haut den nächsten Kracher raus. Weil wir jetzt zuviel Strom haben, ist alles nicht mehr schlimm? Also jetzt HellBrise statt Dunkelflaute. DOch hilft uns das?

Kleine Nachhilfe zum Thema Stromnetz und Stromkosten!

This baby with a head camera helped teach an AI how kids learn language

geschrieben von Michael Poost | 3. Januar 2025

Introducing the First AI Model That Translates 100 Languages Without Relying on English Meta
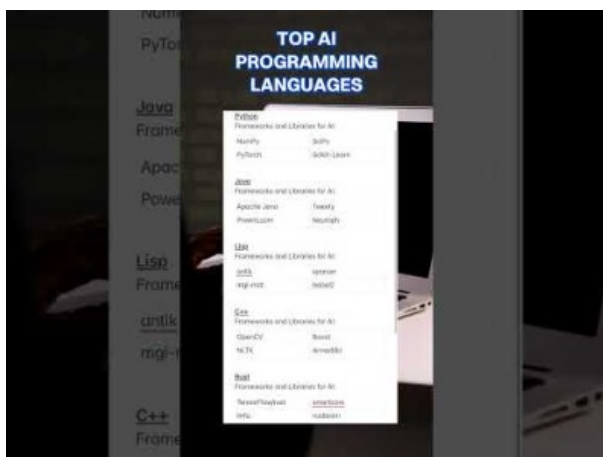

Each director has a first name, a last name, date of birth (timestamp) and a list of movies directed (relation one-to-many with movies table). As of the most recent evaluations, Claude by Anthropic and Google's Gemini are often recognized for high accuracy, especially in complex reasoning tasks. Infact, GPT-4 itself, is noted for its state-of-the-art accuracy across a wide range of tasks. Ultimately, the „best" ChatGPT alternative can vary depending on the specific needs and use case. Phi-1 specializes in Python coding and has fewer general capabilities because of its smaller size.

Many languages have no one accepted variant, making it difficult to pick the „correct" one. As one example cited by Google, Romani is a language with many dialects throughout Europe. In Google's biggest expansion of African languages, the new additions will cover Fon, Kikongo, Luo, Ga, Swati, Venda, and Wolof.

Cross-Platform vs. Native Development

The company that created the Cohere LLM was founded by one of the authors of Attention Is All You Need. One of Cohere's strengths is that it is not tied to one single cloud — unlike OpenAI, which is bound to Microsoft Azure. Python is without a doubt the most buzzed-about language for AI development. However, a decent programmer can work with AI in nearly any programming language, and other popular options include Java, R, JavaScript—and of course, C++. R is renowned for its extensive collection of packages that enhance its capabilities in statistical analysis and data discovery. The 'caret' package is designed to streamline creating predictive models by providing a consistent interface for training and tuning models.

Python is often compared to R, you should know that these two are completely different languages used for different purposes. For more on these two you can read their differences between Python and R in detail. Avian flu in dairy cows could stick around on US farms forever, and is raising the risk of outbreaks in mammals—including humans—around the world.

C++ vital features

On holiday, many will find themselves in places where they do not speak the language. But most people—at least seven of the world's eight billion—still do not speak English. That leaves options like pantomime, a willingness to be surprised by what arrives at dinner—or, increasingly, technology. Dart also offers benefits for developing paired iOS and web applications and implementing Google's material design standards within the apps. Swift's stability and performance are

proven by its wide use in popular applications like Airbnb, LinkedIn, and Lyft, showcasing its capability in large-scale commercial projects. A linguist's goal is to keep languages alive by making information accessible in every language, a daunting task given the 7,000 languages spoken worldwide.

It stands out for its ability to understand and generate human-like responses, making it an effective tool for customer support, personal assistance, and general information retrieval. Python's extensive libraries and frameworks significantly enhance its capabilities in AI development. One of the most popular libraries is TensorFlow, an open-source machine learning platform that allows for the creation of complex models, including deep learning architectures. TensorFlow interfaces effectively with modern technologies to support advanced AI tasks, making it a go-to choice for many developers. It is one of the top programming languages, combining both the object-oriented and functional programming paradigm. Scala enables developers to make great use of usual JVM features and Java libraries.

It's best to think of code assistants as tools to supplement your own coding knowledge. For instance, rely on them to generate boilerplate code or when you are working with a new programming language or framework and want to learn its syntax. The languages present in the list proffer leading features and functionality that can help you build robust web and mobile apps.

It excels at introducing new words and basic grammar, like conjugation and agreement, in a way that's compelling. When learning is going well, you don't even realize all the work that has gone into creating a program that introduces you to new ideas at the right time, and that's a huge part of what makes Rosetta Stone so good. Go is the latest programming language to achieve rapid growth as it ensures to tackle some of the most challenging computational problems with a comparatively definite approach. Golang unites all the advantages of C, like being a compiled language, and statically typed. 69.7% of developers prefer employing the JavaScript programming language. The next tool in the list of top generative AI tools is Soundraw which is a music generator powered by AI that lets you create your own unique and royalty-free music.

As we head into 2020, the issue of Python 2.x versus Python 3.x is becoming moot as almost every major library supports Python 3.x and is dropping Python 2.x support as soon as they possibly can. In other

words, you can finally take advantage of all the new language features in earnest. The Python community is lively and supportive, with many developers and experts ready to help those working on AI. The strong Python community offers knowledge, support, and inspiration to AI developers. EWeek has the latest technology news and analysis, buying guides, and product reviews for IT professionals and technology buyers. The site's focus is on innovative solutions and covering in-depth technical content.

Ultimately, the right programming language should align with your project's requirements and team's capabilities, ensuring a streamlined and successful AI development process. If any of the apps in this list sounds right for you, click the link for an in-depth review. If you're looking to learn something other than a language, from coding to sewing, see our roundup of the best online learning services. When you're starting with a language, seeing another human being speak it, watching their facial movements, and seeing their smile can make it feel less intimidating. This program uses videos of a teacher to introduce new lessons and review concepts, then follows them up with interactive learning exercises and quizzes. It's as rigorous as Rosetta Stone, but it uses a completely different approach, which some people prefer.

In Lingoda, however, the class material is set ahead of time, and students work their way through all the classes in a particular level before advancing to the next one. It gives advice on how to manage all the devices, apps, digital photos, email, and other technology that can make you feel like you're going to have a panic attack. A new desktop artificial intelligence app has me rethinking my stance on generative AIs place in my productivity workflow.

Fluenz doesn't offer too many languages, however, only Chinese (Mandarin with Pinyin only), French, German, Italian, Portuguese (Brazilian),

Latin American Spanish, and European Spanish. If you've ever tried Rosetta Stone and felt that it just wasn't for you, Fluenz is the best alternative. It is just as good as Rosetta Stone at teaching beginners and intermediate level students what they need to know about a language, but the best languages for ai teaching approach is completely different. Then you move into interactive practice modules, which are tougher than Rosetta Stone's and don't use the deductive method of learning that gives Rosetta Stone its unique feel. Codeium is a free AI-powered code generation tool that can generate code from natural language comments or previous code snippets. Google, Accenture, Walmart, Telegram are very popular brand names using C++.

It is also important to look for a tool with a high accuracy rating, even if the questions asked are complex or open-ended. To determine the output quality generated by the AI chatbot software, we analyzed the accuracy of responses, coherence in conversation flow, and ability to understand and respond appropriately to user inputs. We selected our top solutions based on their ability to produce high-quality and contextually relevant responses consistently.

Your choice affects your experience, the journey's ease, and the project's success. AI chatbots can boost customer support by providing 24/7 support, answering common questions, and personalizing interaction based on customer preferences. (For instance, multilingual AI chatbots can communicate in multiple languages, enabling businesses to assist customers from different regions). An AI chatbot's ability to communicate in multiple languages makes it appealing to global audiences. This functionality also allows the chatbot to translate text from one language to another.

It leverages models like Open Assistant and other community-developed models. Hugging Face's mission is to democratize AI through open access to machine learning models. Last in the list but not least, the ChatGPT alternative is Tabnine, which is an AI-powered code completion tool for software developers.

6 Best LLMs (2024): Large Language Models Compared — eWeek

6 Best LLMs (: Large Language Models Compared.

Posted: Tue, 17 Sep 2024 07:00:00 GMT [source]

NLP enables the AI chatbot to understand and interpret casual conversational input from users, allowing you to have more human-like conversations. With NLP capabilities, generative AI chatbots can recognize context, intent, and entities within the conversation. Trained and powered by Google Search to converse with users based on current events, Chatsonic positions itself as a ChatGPT alternative.

You have a wealth of libraries available for all parts of the pipeline, whether it's natural language processing (CoreNLP), tensor operations (ND4J), or a full GPU-accelerated deep learning stack (DL4J). Plus you get easy access to big data platforms like Apache Spark and Apache Hadoop. You'll want a language ChatGPT with many good machine learning and deep learning libraries, of course. It should also feature good runtime performance, good tools support, a large community of programmers, and a healthy ecosystem of supporting packages. That's a long list of requirements, but there are still plenty of good options.

Kotlin vital features

Another reason for its popularity is that its syntaxes are very simple and can be easily learnt which makes algorithms easily implemented. It is a preferred language for developers who are looking to frame better questions and expand their capabilities of existing machine learning systems. "AI systems are still brittle and lack common sense," says Howard Shrobe, who manages the program at the US government's Defense Advanced Research Projects Agency that helped fund Lake's team. But AI that could learn like a child might be capable of understanding meaning, responding to new situations, and learning from new experiences. Human babies are far better at learning than even the very best large language models.

Comparing AI-Generated Code in Different Programming Languages — Netguru

Comparing AI-Generated Code in Different Programming Languages.

Posted: Wed, 08 May 2024 07:00:00 GMT [source]

Some of them are world languages with more than 100 million speakers, others are spoken by small groups of Indigenous people, and still others have no native speakers but are actively being revitalized. PCMag.com is

a leading authority on technology, delivering lab-based, independent reviews of the latest products and services. You can foun additiona information about ai customer service and artificial intelligence and NLP. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

A language with high versatility allows for a broader range of applications in the mobile app development landscape, making it an attractive choice for developers. This section will further explore the critical factors to consider when selecting an iOS programming language. Closing out our list of 10 best Python libraries for machine learning and AI is Plotly, which is another free and open-source visualization library. It is highly popular among developers thanks to its high-quality, immersive, and publication-ready charts.

In contrast, some of the more advanced chatbots use large language models that are updated infrequently, so those looking for this week's information won't find what they need. The Jasper generative AI chatbot can be trained on your brand voice to interact with your customers in a personalized manner. Jasper partners with OpenAI and uses GPT-3.5 and GPT-4 language models and their proprietary AI engine. The company also sources from other models such as Neo X, T5, and Bloom. The app provides automated conversational capabilities through chatbots, live chat, and omnichannel customer support.

- You can use Speak to build custom embeddable audio and video recorders, record directly in the app, and easily upload locally stored files.
- R is a graphic-based language used for statistical computing, analysis, and visualizations in machine learning.
- The decision to choose iOS for app development brings numerous benefits, making the platform appealing to both businesses and developers.

The app also helps you spot patterns in the language to make it easier to improve your skills. If you're brushing up on a language you're familiar with, you have the option to skip phrases you already know. You also get to see the new words you're learning used in common conversations, listen to them (if you choose to have audio on), repeat the phrases and learn more about verb groups. The 15-minute language lessons are easy to work into your day — whether it's on your commute, before bed or on your lunch break.

This audio-focused language app is also ideal for people who need to

practice a language while multi-tasking or who simply prefer audio-based learning. Pimsleur has courses for beginner, intermediate, and upper intermediate level students. Still, even with advanced underlying technologies like LASER 2.0, mining large-scale training data for arbitrary pairs of 100 different languages (or 4,450 possible language pairs) is highly computationally intensive. To make this type of scale of mining more manageable, we focused first on languages with the most translation requests.

The fact that it was developed by OpenAI means this generative AI app benefits from the pioneering work done by this leading AI company. ChatGPT was the first generative AI app to come to market, launching in November of 2022. R ChatGPT App is a top choice for processing large numbers, and it is the go-to language for machine learning applications that use a lot of statistical data. Its user-friendly IDEs and tools enable you to draw graphs and manage libraries.

If you also want to make an app like Telegram, then I will recommend you to hire mobile app developers as they have the ability to offer innovative solutions. This is one of the most popular coding languages widely used within the Internet of Things (IoT). JavaScript works well with other languages, is very versatile, and updated annually. DALL-E 2 generates better and more photorealistic images when compared to DALL-E. DALL-E 2 has received more instruction on how to reject improper inputs to prevent inappropriate outputs.

This makes it a valuable tool for businesses and marketers who need to produce content at scale while maintaining quality and effectiveness. Unlike the others, its parameter count has not been released to the public, though there are rumors that the model has more than 170 trillion. OpenAI describes GPT-4 as a multimodal model, meaning it can process and generate both language and images as opposed to being

limited to only language. GPT-4 also introduced a system message, which lets users specify tone of voice and task.

Being an expert at mathematics like statistics and regressions is also useful.

This current events approach makes the Chatsonic app very useful for a company that wants to consistently monitor any comments or concerns about its products based on current news coverage. Some companies will use this app in combination with other AI chatbot apps with the Chatsonic chatbot reserved specifically to perform a broad and deep brand response monitoring function. The LivePerson AI chatbot can simulate human conversation and interact with users in a natural, conversational manner.

Eröffnung des Alternativ-WEF in Prag

geschrieben von Michael Poost | 3. Januar 2025

Eröffnet wurde dieses erste Alternative-WEF von Elsa Mittmannsgruber, Prof. Dr. Václav Klaus, Stefan Magnet und Kayvan Soufi-Siavash. Dieses Projekt versteht sich als Gegenidee zum Great Reset – eine alternative Denkwerkstatt für eine freie Welt von morgen!

Der Widerstand, auch gegen den menschengemachten Klimawahn, wächst.