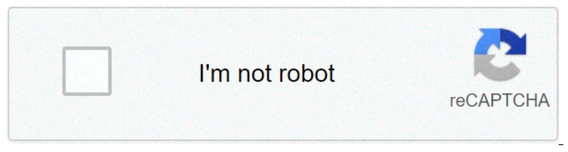

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What is ai simple

The idea that AI can infiltrate the field of art is frightening and rightfully so. While it has been no secret that AI can definitely replace blue-collar jobs and possibly threaten white-collar jobs, the idea that it can impact the livelihood of artists isn't one that the media has foretold, nor have dystopian movies explored. However, we can see early traces of AI in art. It has slowly seeped into written literature, journalism, paintings and even music. Having said that, this isn't a novel (😉) idea. Sometime in the 90s, a music theory professor trained a program to write Bach-styled compositions. Then, to his students, he played both the real and computer-generated versions. To them, both were indistinguishable. Since then, technology has rapidly improved to a state that AI can create music of its own.Similarly the sphere of paintings has seen leaps and bounds in development so much so that someone bought an AI-generated 'Portrait of Edmond Belamy' for $432,500. These definitely indicate a shift in the tides. If we don't know the difference between human and AI-generated then what stops us from appreciating both? Possibly just robots as over time they're undoubtedly going to improve. We still compare the Beatles from the 60s to the music of today. Their music has stood the test of time or at least for 60 years. AI music on the other hand is on a completely different level than it was 30 years ago. One might argue that even just 10 or 5 years ago. Many of today's artists get compared to the work they have put out at the beginning of their careers, yet the same can't be said for AI art. Imagine how much better AI music could get. Does this push many human artists out of the door? This thought definitely has many artists quaking in their boots.The DebateWhile it may seem like the end is near for artists, in an odd occurrence of harmony engineers and artists seem to concur. Those educated with this budding field are still under the belief that art is one of the few fields that isn't conquerable by AI. The main arguments are as follows. Primarily, it is repeatedly argued that art is an innately human ability that it isn't reproducible by anyone else, animal or machine.Art is the result of a base emotion. While in the Stone Age humans were preoccupied with hunting, over time we have gotten better-and-better at self-introspection and as a result are incrementally fine-tuning our emotional quotient. Machines can't replicate that process as they lack emotional consciousness thus the result of whatever they produce can't be classified as art. Simply put:Art is a matter of subjectivity whereas AI functions on objectivity. These two are mutually exclusiveWhile on a philosophical level this may be true, from an appreciation standpoint, humans just can't tell the difference. Sure an AI song is yet to top the charts but as AI art becomes mainstream, it is bound to happen.Some also argue that AI music is a passing fad but the evidence so far suggests that it is here to stay. Some may feel a sense of hopelessness. Tasks that we once considered abstract and complex are being done with ease. Tasks that we considered exclusive only to humans are no more the case. This is extremely demoralizing, especially for those whose self-worth is closely tied to the success of their art. Whether they consciously acknowledge it or not, artists sense a threat. The fact that we can't tell the difference may seem deeply insulting to artists but is simply testament to how far AI has come.Bottom lineAI is evolving. At an unimaginable pace today. While less than a decade ago it was only as competent as a parrot – able to imitate human art- it now is a powerful tool for collaboration. It seems imminent that in the near-future AI is likely to become potent enough to become independent creators. Who knows what the future will hold? But as AI rewrites a new normal to what we consider 'daily life' we need art to help us explore who we are and who we want to become. You have 2 free articles left this month. You are reading your last free article for this month. Create an account to read 2 more. How humans and machines will work together. Would you let a machine manage your personal life? And what about voice assistants that don't sound like us at all? Here's when the answer is no. The alternative leads to decisions made by very biased humans. Different people need to access technology in different ways. Why a Great Defense Makes a Better Offense in Skillz Stock AI Stock Lacks a Catalyst For Liftoff Outstanding Fiscal Results Clear the Runway to $100 for C3.ai C3.ai Stock Could Finally Be a Buy After Its Deep Correction I-Mab inks two collaboration agreements in pipeline expansion push Cramer Gives His Opinion On RadNet, Nano Dimension And More C3.ai Will Likely Play a Big Part in Keeping Retail Investors in Line 3D Systems among tech gainers, C3 AI joins decliners in first half of 2021 C3 AI Stock Is a Buy on Partnerships and a Likely Sales Pop Strategic Partnerships Build Up the Bull Case for C3.ai 17 Stocks to Buy for the Dawn of Global AI Dominance Jim Cramer Gives His Opinion On SoFi, GoodRx And More If You Can Buy C3.ai Stock Below $60, You Should Seeking Alpha Catalyst Watch Meme stock BlackBerry among top tech decliners this week C3ai Is Down 55% This Year. Is Now the Time to Buy? C3 AI stock climbs on new Snowflake partnership 7 Bombed Out Tech Stocks Set for Huge Comebacks We've all read countless stories about the possibilities created by artificial intelligence. Chances are your organization is considering new processes and products that could be enabled by AI, when the time is right. Well, that time has come. It's now a new day, in which we are moving from AI-possible to AI-ready.The time is right for AI deployments for multiple reasons. We've seen huge advances in AI and its enablers, particularly machine learning and its subfield of deep learning. In a parallel trend, we've seen big leaps forward in high-performance computing systems, in terms of both processing power and affordability. HPC is now accessible to virtually all sizes of organizations. And, finally, we've got an ever-ballooning supply of data to use to train the machine and deep learning models that enable AI.If your organization is on the path to AI readiness, Dell EMC has already done a lot of the heavy lifting for you. We've invested in a portfolio of Ready Solutions for AI that takes a lot of the complexity out of AI deployments. This portfolio of solutions gives you ready access to validated hardware and software stacks optimized to accelerate AI initiatives.In a Total Economic Impact™ study commissioned by Dell EMC and Intel, Forrester Research found that Dell EMC Ready Solutions for AI can reduce the time required to architect a new solution by up to a year when compared to implementing a solution on your own.[1] This TEI study focused on the impact of Dell EMC Ready Solutions for AI, Machine Learning with Hadoop, with Intel inside."Dell EMC's Ready Solutions made implementation of the Hadoop environment relatively quick and easy," the study noted. "Organizations speculated that if they had tried to implement on their own, it would have taken six to 12 months longer to hire the expertise, figure out the correct configurations, and deploy the platform."The same study found that Ready Solutions help organizations achieve high performance even in initial AI deployments. One principal architect interviewed for the study explained that Dell EMC did the due diligence, taking a load off the organization: "Because they … understood what works, what types of workloads are optimized, and what are good use cases for different hardware configurations, we didn't have to be experts at hardware. That was huge."The benefits don't stop there. If you peek under the hood, you'll see that Dell EMC Ready Solutions for AI increase data scientist productivity by offering self-service workspaces that allow individual data scientists to configure their environments from a library of AI models and frameworks in just five clicks. Think about that: a self-service AI environment in just five clicks.[2]The Forrester study found that the Dell EMC Ready Solutions for AI, Machine Learning with Hadoop enable near-real-time data analysis and slash the time required to build and run reports, ultimately improving the productivity of data scientists by 30 percent."Data scientists can spend less time loading and structuring data, enabling them to devote a larger portion of their time to value-add work," the study noted. "Workloads run in a fraction of the time and systems function better, with failure rates for reports dropping from 10% to 2%."The higher-level point here should be perfectly clear: New solutions are available to make AI easier than ever for your organization. With these solutions, you can shift to focus from AI-possible to AI-ready.To learn more about going from AI-possible to AI-ready, visit dellemc.com/readyforai and see the product overview video.[1] Forrester research commission by Dell EMC and Intel, "The Total Economic Impact™ of Dell EMC Ready Solutions for AI, Machine Learning with Hadoop," August 2018.[2] ESG Technical Review, "Accelerating the Artificial Intelligence Journey with Dell EMC Ready Solutions for AI," August 2018. Copyright © 2018 IDG Communications, Inc. Artificial intelligence (AI) has been hailed as the answer to just about every IT problem, including eliminating the dreaded skills gap, supercharging productivity, securing networks and ensuring competitiveness. Its potential seems unlimited, and no one wants to get left behind. However, despite the ongoing – and mostly justified – hype cycle around AI, it's imperative that business leaders cut through the noise to understand how AI can be applied to their business, and which applications of AI offer the most promise right now – not next year or in the coming decade.When considering where AI can make a major impact on IT operations, one application stands head and shoulders above others in terms providing the capability to drive dramatic returns in efficiency and productivity right now: hyperscale automation with intelligence.How it worksFirst, let's break down exactly what hyperscale automation is, how it works and the impact it can have on an organization. Hyperscale automation is achieved through the combination of process automation software and AI to add cognitive capabilities within business processes, and a third technique called "process mining" which is all about the discovery and surfacing of business processes that may be unknown. When implemented, it provides total discovery, mapping and measuring of business processes followed by automation on a scale that wasn't even possible just a short time ago.The practical impact of this technology is that it allows businesses to maximize the efficiency and capacity of their operations, enabling them to offer differentiated capabilities in the market that wouldn't be possible without hyperscale automation. When applied correctly, it can have an exponential impact on business outcomes by augmenting human capability with hyper-automation and AI to fundamentally change the capacity that each employee can reach. A prime example of how hyperscale automation effectively augments human capability is in how quickly it can make mistakes and course correct as a result. For example, a human can make a mistake while completing a certain manual business process once or twice an hour, adding latency to a workflow and resulting in an unwanted outcome. Hyperscale automation, by comparison, can make those same process mistakes in seconds, make corrections more quickly, and re-evaluate the mistaken decision in context so it does not repeat the mistake. The result is that mistakes, corrections and learning happen in a matter of seconds with automation, freeing up human talent to focus on more sophisticated tasks.In the marketplace Going further, hyperscale automation can not only improve efficiency but also provide predictive capabilities that can be transformative. A great example is the solution one of our partners, Intelygenz, implemented with a renewable energy company. In the U.S., the sell back energy market is most profitable when companies can be highly accurate in estimating how much energy they're going to put on the transmission lines. For traditional energy producers this task can be straightforward – coal producers need to estimate how many shovels of coal they need to put on the fire and nuclear power producers need to know how many rods of uranium they'll need to put in the reactor. Knowing exactly how much energy they can put on transmission lines allows them to operate at the highest level possible.For renewable energy – especially wind turbines – it's very hard to predict how much energy to put on the transmission lines because of dynamic conditions in which the energy is created. As a result, companies end up being very conservative with output, because if there are inconsistences between how much energy they put on transmission lines and how much energy they say they're going to put on transmission lines, the consequences can be severe, including loss of licensing to operate.Intelygenz's renewable energy customer asked them if their technology could predict the amount of power that will come out of their network in advance. Using hyperscale automation, they were able to take all the data, including meteorology data, that comes off every wind turbine and from partners in the field, to give them the capability of accurately predicting their power output in advance, resulting in greater confidence for committing to power delivery schedules and delivering.Challenges to deployment As demonstrated, hyperscale automation is a powerful application of AI that can be used right now to transform businesses processes, realize new capabilities and develop a competitive edge. However, the major challenge organizations need overcome to deploy it is not a technological challenge, rather it's a human challenge. We've seen time and again the biggest barrier to adoption of hyperscale automation is cultural resistance within organizations with some employees seeing this powerful AI as a threat to their livelihoods. Far from being a job replacer, hyperscale automation is a talent augmenter. It's not meant to replace humans, rather it's most effectively deployed in partnership with human intelligence, and organizations that internalize this dynamic are the primary beneficiaries of the technology.Real results, right nowWhile AI is sure to make enormous advances in the coming years, it's already having transformative effects on businesses and organizations across industries in terms of automating processes and augmenting human talent. For businesses wishing to digitally transform, the promise of AI is no longer something that's year's away – it's here now and it's driving real results. Copyright © 2020 IDG Communications, Inc.