

PRISMA

de espatec

UNA VISIÓN 360°
DE TECNOLOGÍA
E INNOVACIÓN

MAYO
JUNIO
2023

















Logística 4.0

Lenguaje - IA












Electrificación puertos

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Noticias

Emerging Architectures for LLM Applications

Fuente: Andreessen.horowitz.com / **Fecha:** 20/06/2023

Lenguaje - IA

Large language models are a powerful new primitive for building software. But since they are so new—and behave so differently from normal computing resources—it’s not always obvious how to use them. In this post, we’re sharing a reference architecture for the emerging LLM app stack. It shows the most common systems, tools, and design patterns we’ve seen used by AI startups and sophisticated tech companies. This stack is still very early and may change substantially as the underlying technology advances, but we hope it will be a useful reference for developers working with LLMs r...(+)

Ver más...



Do Foundation Model Providers Comply with the Draft EU AI Act?

Fuente: Stanford.edu / **Fecha:** 15/06/2023

Lenguaje - IA

Foundation models like ChatGPT are transforming society with their remarkable capabilities, serious risks, rapid deployment, unprecedented adoption, and unending controversy. Simultaneously, the European Union (EU) is finalizing its AI Act as the world’s first comprehensive regulation to govern AI, and just yesterday the European Parliament adopted a draft of the Act by a vote of 499 in favor, 28 against, and 93 abstentions. The Act includes explicit obligations for foundation model providers like OpenAI and Google. In this p...(+)

Ver más...



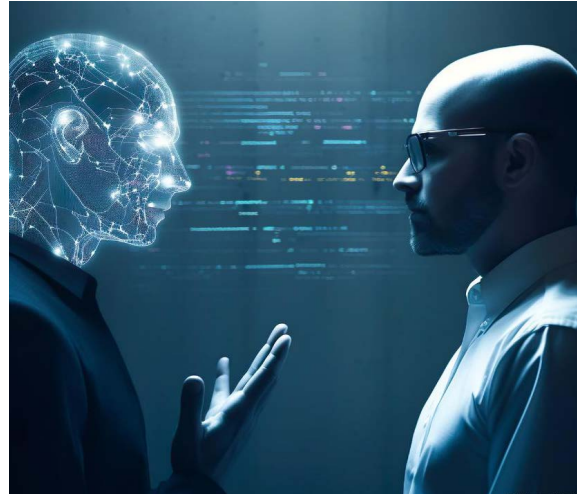
EU AI Act: first regulation on artificial intelligence

Fuente: [Europarl.europa.eu](https://europarl.europa.eu) / **Fecha:** 08/06/2023

Lenguaje - IA

The use of artificial intelligence in the EU will be regulated by the AI Act, the world's first comprehensive AI law. Find out how it will protect you. As part of its digital strategy, the EU wants to regulate artificial intelligence (AI) to ensure better conditions for the development and use of this innovative technology. AI can create many benefits, such as better healthcare; safer and cleaner transport; more efficient manufacturing; and cheaper and more sustainable energy. In April 2021, the European Commission proposed the first EU regulatory framework for AI. It says that AI systems that can be used i...(+)

[Ver más...](#)



AI chatbots lose money every time you use them. That is a problem

Fuente: [WashingtonPost.com](https://www.washingtonpost.com) / **Fecha:** 05/06/2023

Lenguaje - IA

The cost of operating the systems is so high that companies aren't deploying their best versions to the public. AI chatbots have a problem: They lose money on every chat. The enormous cost of running today's large language models, which underpin tools like ChatGPT and Bard, is limiting their quality and threatening to throttle the global AI boom they've sparked. Their expense, and the limited availability of the computer chips they require, are also constraining which companies can afford to run them and pressuring even the wo...(+)

[Ver más...](#)



Proactive and predictive tools for transformation

Fuente: [Technologyreview.com](https://www.technologyreview.com) / **Fecha:** 05/06/2023

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Automated ERP monitoring prevents downtime and optimizes mission-critical business functions. Name a mission-critical application that operates in the background to keep businesses running, and it falls under the umbrella of enterprise resource planning (ERP). Until recently, the sprawling, interconnected sets of ERP modules that ran these essential functions were configured and managed manually. In the context of an organization whose IT systems were relatively static and running in a consistent, predictable environment, this...(+)

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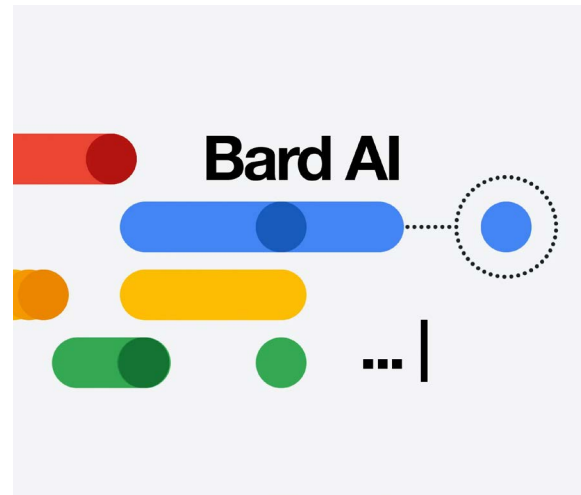
Bard-API - The python package that returns response of Google Bard through API

Fuente: Github.com / Fecha: 18/05/2023

Lenguaje - IA

Please exercise caution and use this package responsibly. I referred to this github repository(github.com/acheong08/Bard) where inference process of Bard was reverse engineered. Using __Secure-1PSID, you can ask questions and get answers from Google Bard. This package is designed for application to the Python package ExceptNotifier and Co-Coder. Please note that the bardapi is not a free service, but rather a tool provided to assist developers with testing certain functionalities due to the delayed development ...(+)

Ver más...



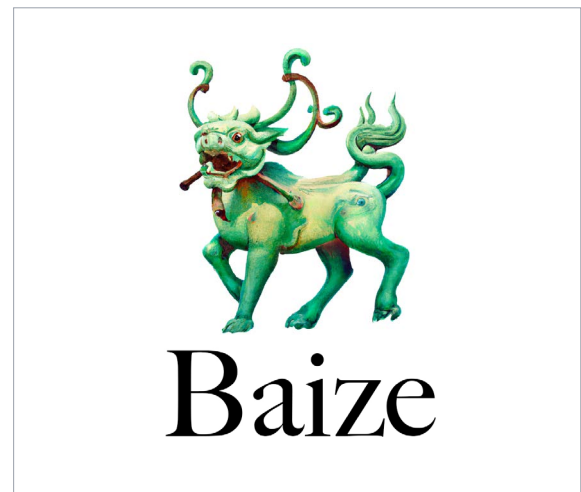
Baize: An Open-Source Chat Model (But Different?)

Fuente: Kdnuggets.com / Fecha: 10/04/2023

Lenguaje - IA

So what's new in the LLM space? Meet Baize, an open-source chat model that leverages the conversational capabilities of ChatGPT. Learn how Baize works, its advantages, limitations, and more. I think it's safe to say 2023 is the year of Large Language Models (LLMs). From the widespread adoption of ChatGPT, which is built on the GPT-3 family of LLMs, to the release of GPT-4 with enhanced reasoning capabilities, it has been a year of milestones in generative AI. And we wake up everyday to the release of new applications in...(+)

Ver más...



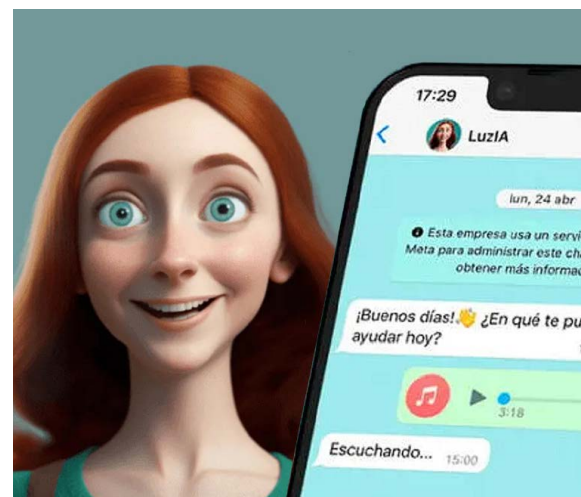
LuzIA, el ChatGPT de Whatsapp: así es inteligencia artificial 'made in Spain' capaz de transcribir audios

Fuente: Heraldo.com / Fecha: 19/05/2023

Lenguaje - IA

Este chatbot es capaz de resumir textos, explicar artículos, resolver tus dudas y transcribir los audios que se reciben o envían. La Inteligencia Artificial (IA) está de moda. Con la aparición de aplicaciones como ChatGPT capaces de responder a cualquier pregunta y llevar a cabo muchas solicitudes, la IA se ha convertido en tema de conversación y de mucha ayuda para trabajadores y estudiantes. Pero, desde hace un tiempo es posible utilizar una Inteligencia Artifi...(+)

Ver más...



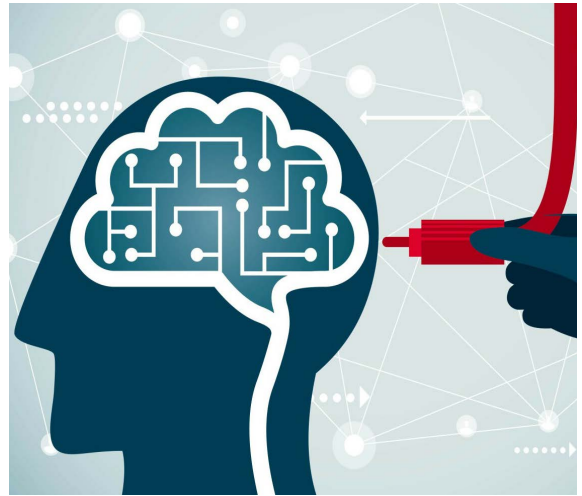
What Are ChatGPT Plugins? The Next Phase of Conversational AI Is Here

Fuente: PCmag.com / Fecha: 16/05/2023

Lenguaje - IA

ChatGPT Plus users can now access 70+ plugins made by individual creators and companies like Instacart and Kayak. Here's how they work, and what you can do with them. ChatGPT is one of the fastest growing apps of all time, and has prompted a number of tech companies to rethink their business models. OpenAI's chatbot, however, has generally pulled knowledge from its own internal servers—until now. With plugins (Opens in a new window), third parties like Instacart or Kayak can connect to ChatGPT with add-ons that serve u...(+)

Ver más...



Supply Chain 4.0 Strategy Day - Strategies for Resilient Supply Chains Frankfurt

Fuente: SupplyChains40.com / Fecha: 24/06/2023

Logística 4.0

Tackling Supply Chains Risks With Digitalisation. The last two years have been pushing companies to rethink long-established strategies and there is not much time left to come up with new concepts. Covid and Ukraine have been amplifiers, root causes are global imbalances and – paradoxically – successful lean practices. With new (economic and potentially military) conflicts knocking at the door, it's not easy to predict how future supply chains will be structured. Companies should adapt to “worst case scenarios” to enable i...(+)

Ver más...



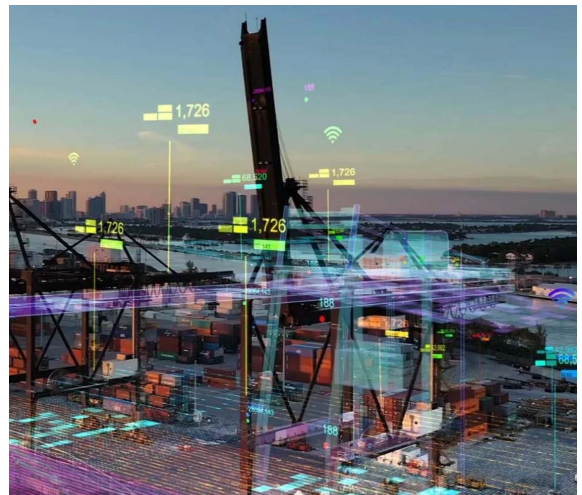
Marine procurement looking for tech to rule the waves

Fuente: SupplyChainDigital.com / Fecha: 02/06/2023

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Marine procurement is a specialist area that digitalisation is helping to transform, and companies such as Procureship are leading the way. Procurement is a function that equips pretty much every facet of our industrial and commercial worlds, ensuring that organisations have what they need to be operational, compliant and profitable. Digitalisation is also reshaping how procurement processes are managed, and the results they are able to provide. One unique area for procurement that is being transformed by Industry 4.0...(+)

Ver más...



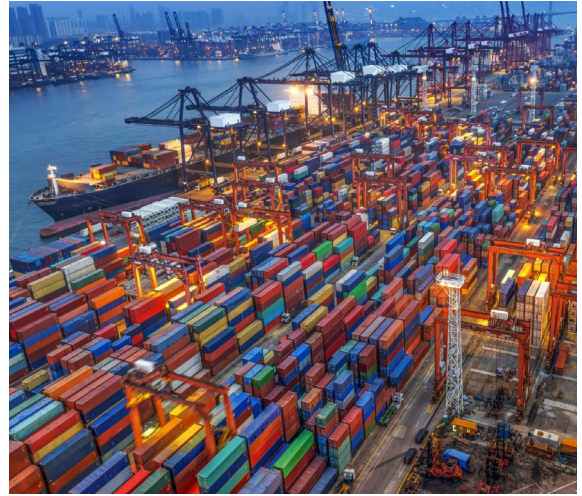
Top 5PL logistics providers

Fuente: SupplyChainDigital.com / **Fecha:** 31/05/2023

Logística 4.0

The 5PL model gained traction during the pandemic, as ecommerce businesses new to international shipping found themselves under increasing pressure. 'Fifth-party logistics provider' (5PL) is a relatively new term, and refers to a company that acts as an integrator - overseeing and coordinating the activities of multiple 3PLs, to optimise client supply chains. The 5PL model gained traction during the pandemic, as ecommerce businesses new to international shipping found themselves under increasing pressure. Many were faced with attempting to handle cross-border complexities, such as custu...(+)

Ver más...



Gorilla: Large Language Model Connected with Massive APIs

Fuente: Berkeley.edu / **Fecha:** 24/05/2023

Lenguaje - IA

Gorilla is a LLM that can provide appropriate API calls. It is trained on three massive machine learning hub datasets: Torch Hub, TensorFlow Hub and HuggingFace. We are rapidly adding new domains, including Kubernetes, GCP, AWS, OpenAPI, and more. Zero-shot Gorilla outperforms GPT-4, Chat-GPT and Claude. Gorilla is extremely reliable, and significantly reduces hallucination errors. Large Language Models (LLMs) have seen an impressive wave of advances recently, with models now excelling in a variety of tasks, such as ...(+)

Ver más...



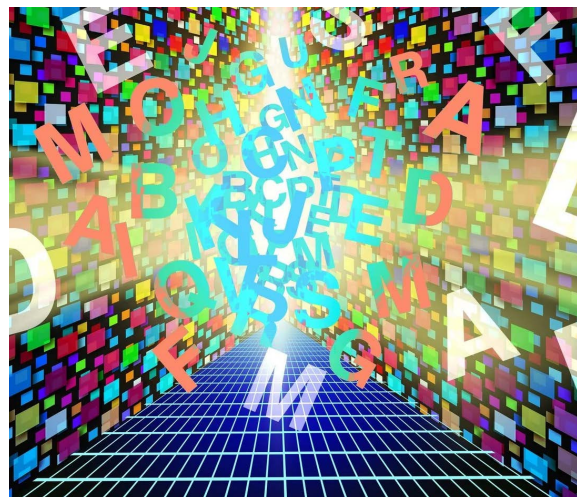
The future of computational linguistics

Fuente: Stanford.edu / **Fecha:** 05/05/2023

Lenguaje - IA

An expert in understanding language using machine learning explains why even he was surprised by the linguistic capabilities of ChatGPT. Our guest, Christopher Manning, is a computational linguist. He builds computer models that understand and generate language using math. Words are the key component of human intelligence, he says, and why generative AI, like ChatGPT, has caused such a stir. At one time a language model could hardly produce one coherent sentence, and suddenly ChatGPT is composing five-paragraph stories and doing mathematical proofs in rhyming verse, Mani...(+)

Ver más...



What numerical models do we need to build the European Digital Twin of the Ocean?

Fuente: Edito-modellab.eu / **Fecha:** 01/03/2023

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Logística 4.0

February 2022 saw the launch of the development of the European Digital Twin of the Ocean (European DTO) under the EU Mission Restore our Oceans and Waters, announced by President von der Leyen at the One Ocean Summit in Brest. The European DTO will be a virtual, dynamic representation of the ocean. Its main goal is to make ocean knowledge readily available to all, so that our society can better understand the complexities of the marine world and make informed decisions to safeguard the ocean and coastal €...(+)

[Ver más...](#)



EU agrees to the world's first green shipping fuel requirement

Fuente: Transportenvironment.org / **Fecha:** 23/03/2023

Electrificación puertos

The EU last night confirmed the world's first green shipping fuels law. Ships will be required to increasingly switch to sustainable fuels and at least 2% of the bloc's shipping fuels will need to come from e-fuels derived from renewable electricity by 2034, at the latest. With negotiations ongoing at the global shipping regulator, the International Maritime Organization, Transport & Environment (T&E) says this marks the beginning of the end for dirty shipping fuels and should provide inspiration for other countries around the wc...(+)

[Ver más...](#)



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Empresas y mercados

Amazon Kendra now available in Europe (London) AWS region

Fuente: Amazon.com / Fecha: 05/06/2023

Lenguaje - IA

Amazon Kendra is a highly accurate intelligent search service powered by machine learning. Kendra reimagines enterprise search for your websites and applications so your employees and customers can easily find the content they are looking for, even when it's scattered across multiple locations and content repositories within your organization. Visit the AWS Region Table to see all the regions where Amazon Kendra is available. To get started, visit the Kendra documentation page.

Ver más...



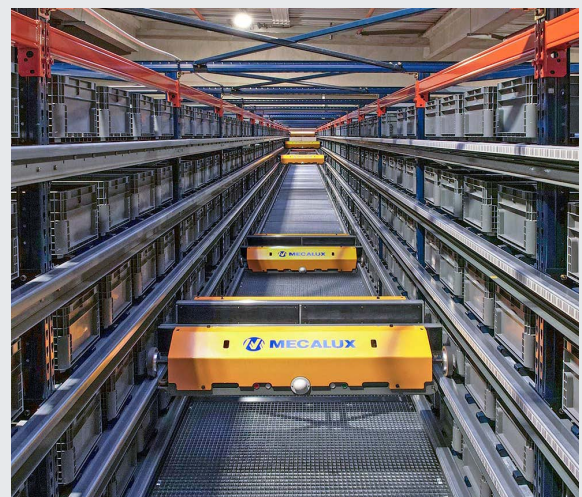
Manitou Group automatiza el almacenaje y la preparación de pedidos de piezas de recambio

Fuente: Mecalux.es / Fecha: 02/06/2023

Logística 4.0

Para satisfacer las necesidades de Manitou Group, Mecalux ha instalado el Sistema Shuttle, una solución automática de almacenaje para cajas que agiliza la preparación de pedidos, proporcionando un flujo constante de productos desde el área de almacenaje hasta las dos estaciones de picking de alto rendimiento. Sistema Shuttle: Solución de almacenamiento automático mediante lanzaderas para cajas y productos pequeños. Sistema automático de lanzaderas para centros de distribución de alto rendimiento. El Sistema Shi...(+)

Ver más...



Robin Li: Baidu Will Remake All Products as Generative AI Model Updates Soon

Fuente: Tmtpost.com / Fecha: 26/05/2023

Lenguaje - IA

Big models are redefining human-machine interaction, and 50% of jobs in the world will be prompt engineering in the future decade, Baidu CEO predicted. Chinese internet giant Baidu Inc. is set to make an overhaul as it gears up taking a big leap on artificial intelligence (AI). "There is a saying in the industry that each product is worth of reproduction as the era of big models comes, but who really redo (the product)? Baidu wants to be the first company to remake all the products, which means to re-work and reorgani...(+)

Ver más...



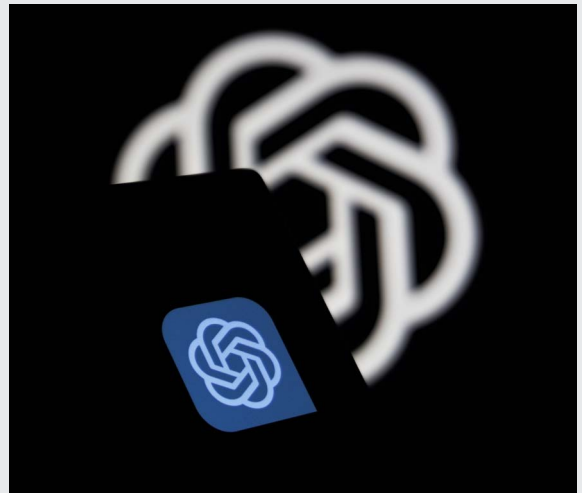
OpenAI says it could 'cease operating' in the EU if it can't comply with future regulation

Fuente: Kdnuggets.com / Fecha: 25/05/2023

Lenguaje - IA

The EU is finalizing new AI regulations, but OpenAI CEO Sam Altman says he has 'many concerns' about the law. The EU AI Act would require the company to disclose details of its training methods and data sources. OpenAI CEO Sam Altman has warned that the company might pull its services from the European market in response to AI regulation being developed by the EU. Speaking to reporters after a talk in London, Altman said he had "many concerns" about the EU AI Act, which is currently being finalized by lawmakers. ...(+)

Ver más...



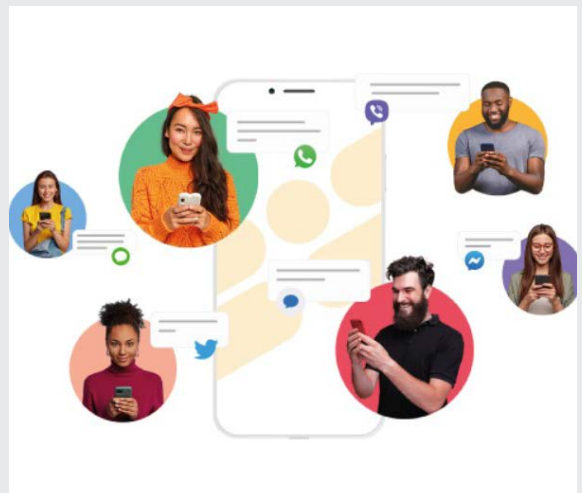
XPO utiliza Inteligencia Artificial para desarrollar un chatbot que mejora la experiencia de sus entregas de última milla

Fuente: EuropeNews.com / Fecha: 17/05/2023

Logística 4.0

XPO, proveedor líder de soluciones de transporte y logística innovadoras y sostenibles en Europa, sigue apostando por la utilización de las últimas tecnologías, en este caso, la Inteligencia Artificial, para ofrecer una experiencia superior al consumidor en sus entregas de última milla. La última innovación de la compañía ha sido el desarrollo de un chatbot que realiza una llamada telefónica automática al destinatario final para informarle de la hora exacta y punto de...(+)

Ver más...



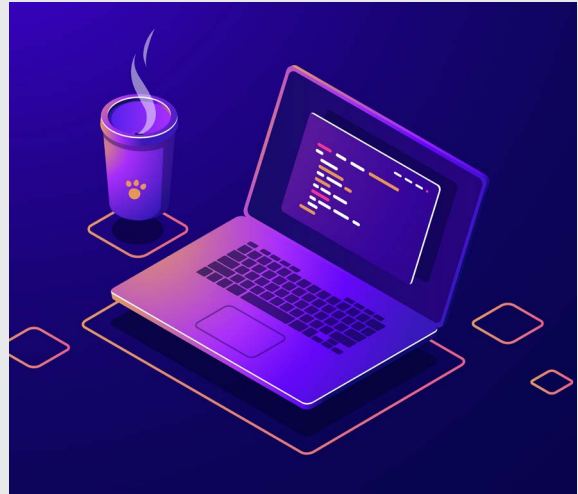
Project Tailwind de Google

Fuente: Google.com / Fecha: 10/05/2023

Lenguaje - IA

Tailwind is your AI-first notebook, grounded in the information you choose and trust. Tailwind is an experiment, and currently available in the U.S. only. Join the waitlist to try it for yourself.

Ver más...



Supercharging Search with generative AI

Fuente: Google.com / Fecha: 10/05/2023

Lenguaje - IA

For the past 25 years, we've been devoted to the science and the craft of building a search engine. We've developed completely new ways to search, powered by our latest advancements in AI — whether that's searching visually with Lens, or across modalities, using both images and text with multimodal. In fact, people now use Lens for 12 billion visual searches a month — a four-fold increase in just two years, and a growing number of those searches are multimodal. With new breakthroughs in generative AI, we're again reimagining what a search engine can do. With this powerful new technol...(+)

Ver más...



CEVA Logistics to operate four deep-sea, dual-fuel hybrid RORO vessels under long-term lease CEVA will lease four of Eastern Pacific Shipping's vessels from CMA CGM, each ship providing a 7,000-car capacity

Fuente: CevaLogistics.com / Fecha: 03/05/2023

Logística 4.0

Electrificación puertos

CEVA Logistics is connecting its global automotive customers with more roll-on, roll-off (RORO) vessel capacity thanks to a new 10-year lease the logistics firm has signed with its parent company, CMA CGM. The agreement for four of Eastern Pacific Shipping's LNG dual-fuel hybrid deep-sea vessels will allow CEVA to transport approx...(+)

Ver más...



Cómo preparar su cadena de suministro para el futuro

Fuente: AutoStoreSystem.com / Fecha: 20/04/2023

Logística 4.0

Supply chain disruptions are a common occurrence and will continue to happen in the future. To help your supply chain withstand adversity, here are four strategies you can consider to future-proof and fortify your supply chain. Expand and diversify your offering. In today's global marketplace, consumers have high expectations for fast delivery and a wide range of product options and retailers must work to meet these demands in order to stay competitive. One way to stand out from the competition is to extend the range of ...(+)

Ver más...



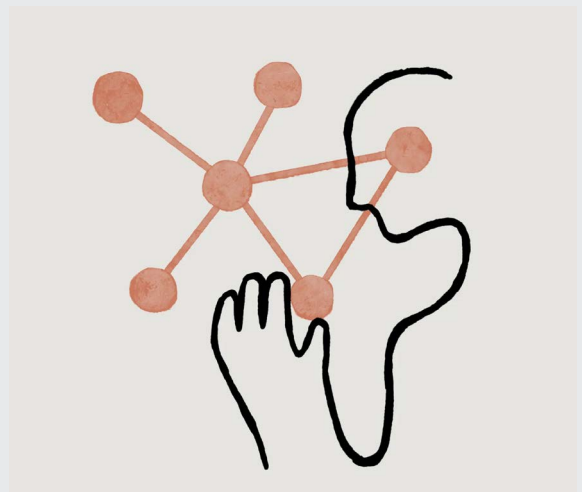
Introducing Claude

Fuente: Anthropic.com / Fecha: 14/03/2023

Lenguaje - IA

After working for the past few months with key partners like Notion, Quora, and DuckDuckGo in a closed alpha, we've been able to carefully test out our systems in the wild, and are ready to offer Claude more broadly so it can power crucial, cutting-edge use cases at scale. Claude is a next-generation AI assistant based on Anthropic's research into training helpful, honest, and harmless AI systems. Accessible through chat interface and API in our developer console, Claude is capable of a wide variety of conversational and text processing tasks while maintaining a high degree of reliability and ...(+)

Ver más...



DIGITAL FLEET OPTIMIZATION. Gestión inteligente de flotas intralogísticas

Fuente: Mowo.eu / Fecha: 28/02/2023

Logística 4.0

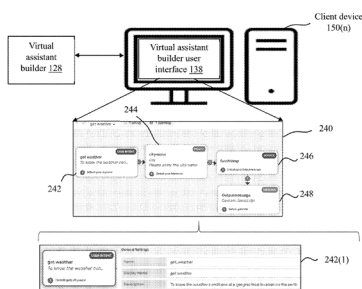
Uno de los retos al que nos tenemos que enfrentar en la era de la digitalización es, precisamente, la captación de datos para posteriormente analizarlos y utilizarlos como ingrediente principal de la mejora continua. En el mundo de la intralogística, nos encontramos con que los puntos de origen y destino tienen un alto grado de digitalización, seguimiento y análisis, pero ¿qué ocurre en el proceso de traslado entre estos puntos? Para responder a esta pregunta es necesario analizar las flotas que se ocupan de esta parte del proc...(+)

Ver más...



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Patentes



Systems and methods for natural language processing using a plurality of natural language models

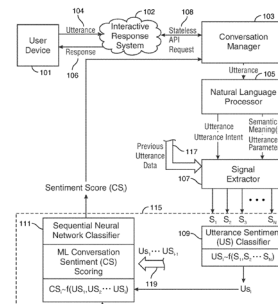
Publicación: Espacenet.com / **Fecha:** 01/06/2023

Lenguaje - IA

Solicitante: KORE AI INC [US]

A virtual assistant server receives an utterance provided by an end user via a channel of a virtual assistant rendered in a client device. The virtual assistant server identifies a current-node of execution from a plurality of nodes of a conversation definition of...

[Ver más...](#)



Multi-tier rule and ai processing for high-speed conversation scoring

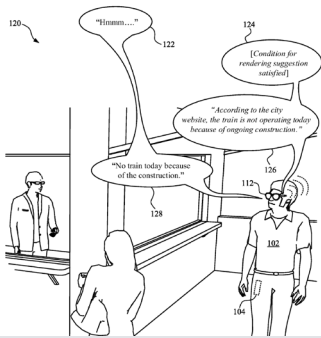
Publicación: Espacenet.com / **Fecha:** 01/06/2023

Lenguaje - IA

Solicitante: BANK OF AMERICA [US]

Apparatus and methods for leveraging machine learning and artificial intelligence to assess a sentiment of an utterance expressed by a user during an interaction between an interactive response system and the user is provided. The methods may include a natural language processor processing the utterance to output...

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Selectively generating and/or selectively rendering continuing content for spoken utterance completion

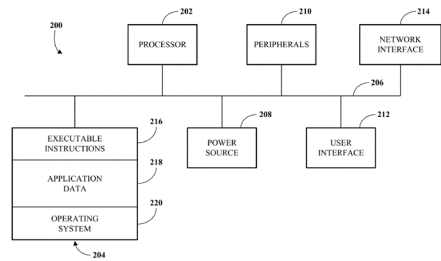
Publicación: Espacenet.com / **Fecha:** 19/05/2023

Lenguaje - IA

Solicitante: GOOGLE LLC [US]

Implementations set forth herein relate to generating and rendering continuing content (e.g., natural language content) that can be used, by a human user, in completing a partial spoken utterance of the user. The continuing content can be rendered \...(+)

Ver más...



Virtual Assistant For Task Identification

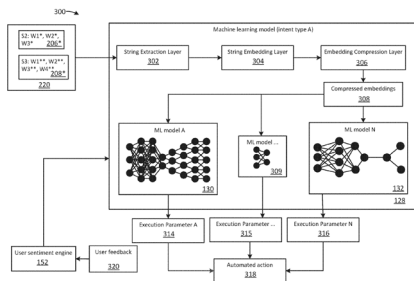
Publicación: Espacenet.com / **Fecha:** 04/05/2023

Lenguaje - IA

Solicitante: ZOOM VIDEO COMMUNICATIONS INC [US]

A virtual assistant is configured to automatically identify tasks for a user by processing text from various applications of a unified communications platform (e.g., transcripts of conferences, voicemails, emails, and chat logs) to detect action items and infer associated action item data (e.g., task owner, location, and due date). For example, a virtual assistant system may be configured tc...(+)

Ver más...



Training framework for automated tasks involving multiple machine learning models

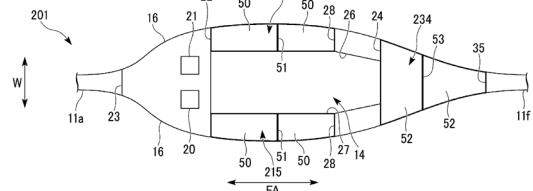
Publicación: Espacenet.com / **Fecha:** 04/05/2023

Lenguaje - IA

Solicitante: MICROSOFT TECHNOLOGY LICENSING LLC [US]

In non-limiting examples of the present disclosure, systems, methods and devices for training machine learning models are presented. An automated task learning models are presented. An automated task framework comprising a plurality of machine l...(+)

Ver más...



SHIP

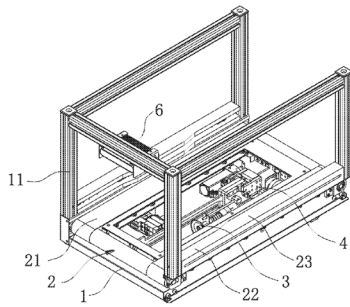
Publicación: Espacenet.com / **Fecha:** 27/04/2023

Electrificacion puertos

Solicitante: MITSUBISHI SHIPBUILDING CO LTD [JP]

This ship comprises: a hull; a propeller installed on the hull; an engine room provided on a stern side in the hull, and storing a propulsion motor that drives the propeller; a vehicle loading compartment provided on a bow side of the engine room in the hull; and a side storage-battery compartment provided along at least one of a port side and a starboard side of the hull...(+)

Ver más...



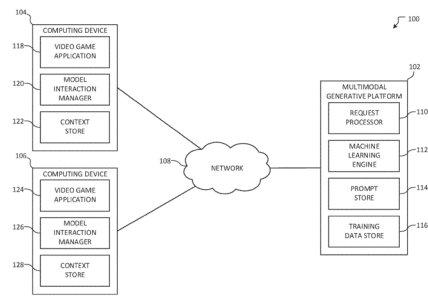
Container taking and conveying assembly, loading and unloading device, picking system, logistics sorting system, and container taking and conveying method

Publicación: Espacenet.com / **Fecha:** 20/04/2023

Logística 4.0

Solicitante: BEIJING GEEKPLUS TECH CO LTD [CN]
A container taking and conveying assembly, a loading and unloading device, a picking system, and a container taking and conveying method. The conta...(+)

Ver más...



Natural language interface for virtual environment generation

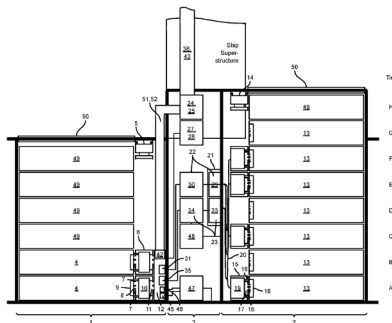
Publicación: Espacenet.com / **Fecha:** 20/04/2023

Lenguaje - IA

Solicitante: MICROSOFT TECHNOLOGY LICENSING LLC [US]

Aspects of the present disclosure relate to grounded multimodal agent interactions, where a natural language user input is processed using a multimodal machine learning model to generate model output. The model output may then be processed to affect the beha...(+)

Ver más...



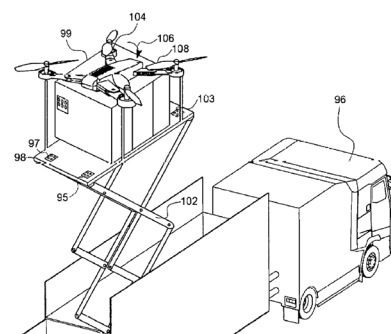
Integrated system for producing electrical power for ship propulsion using modularized fuel storage and fuel containers

Publicación: Espacenet.com / **Fecha:** 18/04/2023

Electrificación puertos

Solicitante: FOURTH TACK LLC [US]
A system and a method produce electrical power for ship propulsion. Power and fuel modules are configured for modular use during travel. The power and fuel modules may be standard freight size contain...(+)

Ver más...



Mobile and or stationary micro-fulfillment method for automated packages delivery by humans and or autonomous vehicles ground vehicles or aerial drones

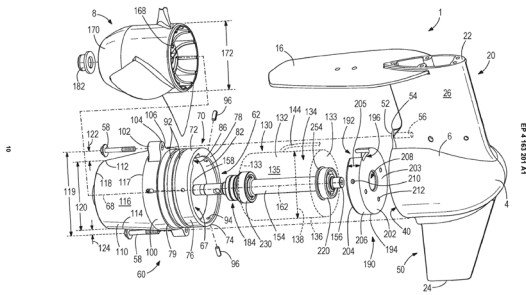
Publicación: Espacenet.com / **Fecha:** 13/04/2023

Lenguaje - IA

Solicitante: ZAMIR ITAY TAYAS [US]; GLOBERSON JONATHAN [US]

A payload unit known as an Organizational box (OB) may comprise one or multiple units of cassettes. ...(+)

Ver más...



Propulsion devices having electric motors for marine vessels and methods for making the same

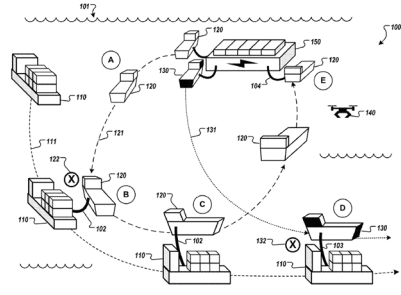
Publicación: Espacenet.com / **Fecha:** 12/04/2023

Electrificación puertos

Solicitante: BRUNSWICK CORP [US]

The invention relates to a propulsion device (1) for rotating a propulsor to propel a marine vessel. The propulsion device (1) includes a drive housing (2) having a cavity (40) that extends along a first central axis (46). A motor (130) is positioned within the cavity i...(+)

Ver más...



Autonomous seagoing power replenishment watercraft

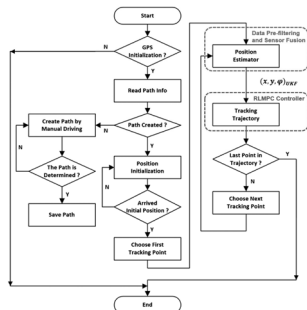
Publicación: Espacenet.com / **Fecha:** 11/04/2023

Electrificación puertos

Solicitante: X DEV LLC [US]

Methods, systems, and computer-readable media that implement autonomous seagoing power replenishment watercraft. An example system includes a plurality of marine vessels; a plurality of watercraft, each watercraft of the plurality of watercraft including a rechargeable electrical power supply and being c...(+)

Ver más...



System and method of automated logistical vehicle registration and validation for remote monitoring

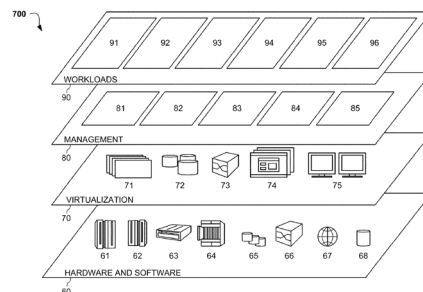
Publicación: Espacenet.com / **Fecha:** 06/04/2023

Logística 4.0

Solicitante: PATRIOTONE TECH [CA]

Abstract A system and method of automated logistical vehicle registration and validation for remote monitoring. Cameras are deployed at the gate to a trucking logistics facility to record detailed information (e.g., license plate, identification info) on vehi...(+)

Ver más...



AI based system and method for corners of trust for a caller

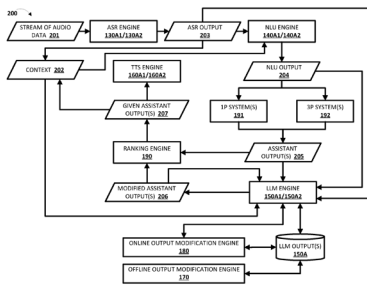
Publicación: Espacenet.com / **Fecha:** 16/03/2023

Lenguaje - IA

Solicitante: IBM [US]

A computer captures a voice of a user. The computer determines a frequency spectrum and a voice pattern of the voice. The computer identifies one or more topics of the voice by transcribing the voice by a natural language processing. The computer identifies the user based on matching the frequency spectrum of the...(+)

Ver más...



Using large language model(s) in generating automated assistant response(s)

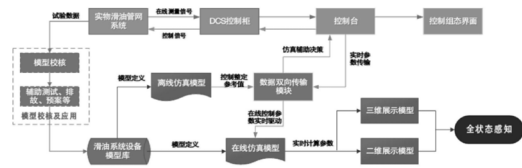
Publicación: Espacenet.com / **Fecha:** 16/03/2023

Lenguaje - IA

Solicitante: GOOGLE LLC [US]

As part of a dialog session between a user and an automated assistant, implementations can receive a stream of audio data that captures a spoken utterance including an assistant query, determine, based on processing the stream of audio data, a set of...

Ver más...



Lubricating oil system debugging method based on digital twinning

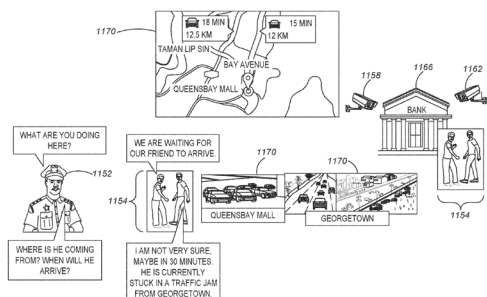
Publicación: Espacenet.com / **Fecha:** 10/03/2023

Electrificación puertos

Solicitante: CHINA SHIP DEV & DESIGN CT

The invention discloses a lubricating oil system debugging method based on digital twinning, and the method comprises the following steps: 1), building a simulation model of a lubricating oil system and equipment through defining a lubricating oil system equipment model library; (2) the online model receives real-time opera...

Ver más...



Dynamic video analytics rules based on human conversation

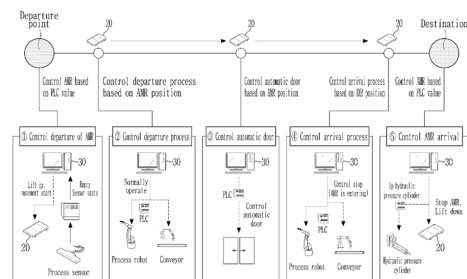
Publicación: Espacenet.com / **Fecha:** 09/03/2023

Lenguaje - IA

Solicitante: MOTOROLA SOLUTIONS INC [US]

At least one detected natural language phrase in audio describes at least one expected future object activity in a definable physical or geographic region. For each of one or more potential video analytic rules that are derivable from the at least one natural language phrase, whether compatibility with corres...

Ver más...



Programmable logic controller operation system and method for each movement position of logistics robot

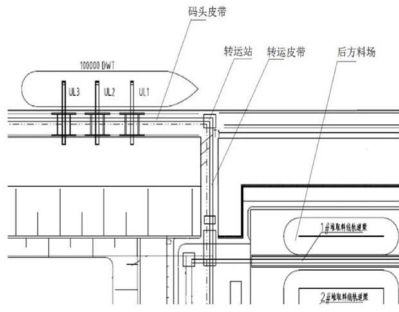
Publicación: Espacenet.com / **Fecha:** 09/03/2023

Logística 4.0

Solicitante: HYUNDAI MOTOR CO LTD [KR]; KIA CORP [KR]

Disclosed is a system for operating a Programmable Logic Controller (PLC) for each movement position of a logistics robot, and a method thereof. A system for operating a PLC for each movement position of a...

Ver más...



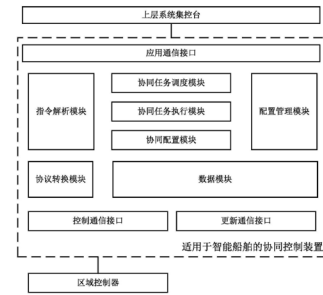
Remote control system for bulk cargo ship unloading wharf

Publicación: Espacenet.com / **Fecha:** 07/03/2023

Electrificación puertos

Solicitante: DALIAN HUARUI HEAVY IND GROUP
The invention discloses a remote control system for a bulk cargo ship unloading wharf, and relates to the technical field of intelligent remote control, on one hand, the system is provided with a remote control function of a grab ship unloader and integrates a remote guarding function of working states of...(+)

Ver más...



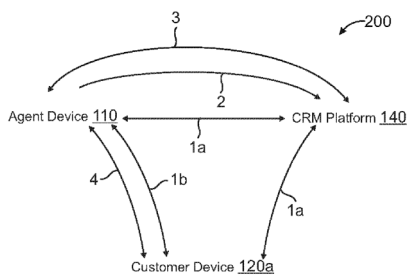
Cooperative control device suitable for intelligent ship

Publicación: Espacenet.com / **Fecha:** 07/03/2023

Electrificación puertos

Solicitante: THE 719TH RES INSTITUTE OF CHINA SHIPBUILDING INDUSTRY CORPORATION
The invention discloses a cooperative control device suitable for an intelligent ship, which relates to the field of intelligent ship control and comprises an application communication interface, a control communication interface, an instruction analysis module, a cooper...(+)

Ver más...



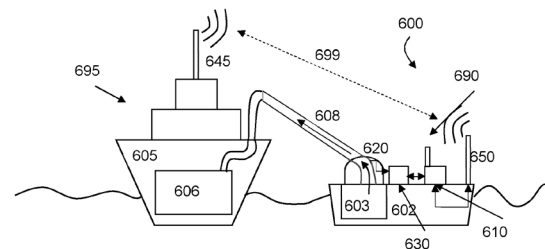
Named entity recognition in chat dialogues for customer relationship management systems

Publicación: Espacenet.com / **Fecha:** 02/03/2023

Lenguaje - IA

Solicitante: PAYPAL INC [US]
There are provided systems and methods for named entity recognition in chat dialogues for customer relationship management systems. A service provider, such as an electronic transaction processor for digital transactions, may provide live chat service cl...(+)

Ver más...



A system and a process for monitoring and verifying bunker fuel exchange between marine vessels

Publicación: Espacenet.com / **Fecha:** 08/02/2023

Electrificación puertos

Solicitante: ADP CLEAR PTE LTD [SG]
A system for monitoring and verifying a delivery process during which a fluid is delivered, via a bunker line, from a supplying marine vessel to a receiving marine vessel in accordance with a set of preestablished contractual terms is disclosed. The system comprises a data ca...(+)

Ver más...

FEBRERO
MARZO
2023

Informes sectoriales

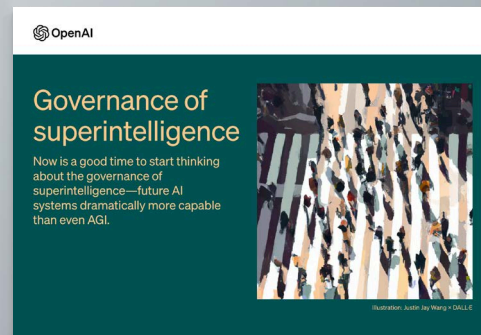
Governance of superintelligence Now is a good time to start thinking about the governance of superintelligence—future AI systems dramatically more capable than even AGI.

Fuente: Openai.com / **Fecha:** 22/05/2023

Lenguaje - IA

Given the picture as we see it now, it's conceivable that within the next ten years, AI systems will exceed expert skill level in most domains, and carry out as much productive activity as one of today's largest corporations. In terms of both potential upsides and downsides, superintelligence will be more po...(+)

Descargar



Guia supply chain Decide

Fuente: Decidesoluciones.es / **Fecha:** 19/12/2022

Logística 4.0

El año 2022 ha estado marcado por las inestabilidades geopolíticas como la invasión rusa en Ucrania y la guerra tecnológica entre EEUU y China. Estas inestabilidades unidas a la inflación general han provocado un aumento de precios generalizado que afecta a cadenas de suministro y al tejido empresarial a nivel mundial. Estas disrupciones están causando tensiones tanto en la industria como en la distribución difíciles de cuantificar por el caos del comercio internacional. El tráfico marítimo de mercancías incumple plazos de entrega, los contenedore...(+)

Descargar



The Gartner Supply Chain Top 25 for 2023

Fuente: Gartner.com / **Fecha:** 24/05/2023

Logística 4.0

Gartner's Supply Chain Top 25 identifies, celebrates and profiles global supply chain excellence. Discover the global supply chain that ranked highest for supply chain excellence. Superior supply chains don't just push products; they deliver on the business's purpose. The Gartner Supply Chain Top 25 is a renowned annual ranking of the world's superior supply chains. The 2023 eBook shares a comprehensive list of the top global supply chain companies operating today. Download the Gartner Supply Chain Top 25 eBook for: An up-close look at lea..(+)

Descargar



WTW 2023 Renewable Energy Supply Chain Risk Report

Fuente: Wtwco.com / **Fecha:** 29/05/2023

Logística 4.0

After years of exponential growth, renewables may be close to a tipping point when they become the main source of energy powering economies and industries. Supply chains have been central to this success, delivering the technologies and economies of scale needed to make the energy transition possible. But there are signs that this progress could be stalling, at least temporarily. Rising raw material prices are reversing the downward trend in the cost of renewables, while shorta..(+)

Descargar



Port Strategy - March 2023. Insight for port executives

Fuente: Portstrategy.com / **Fecha:** 08/03/2023

Electrificación puertos

Harness the Benefits of the Maritime Single Window. The day will soon be upon us when a Single Window for data exchange will be mandatory – specifically, 1 January 2024. The Maritime Single Window is intended to have a positive impact on port operations, increasing port efficiency, reducing vessel time in port, optimising processes, cutting emissions and boosting the overall safety of vessel calls. The fundamental key to this is data transmission, receipt and response via electronic data ex..(+)

Descargar



MAYO
JUNIO
2023

Publicaciones científicas

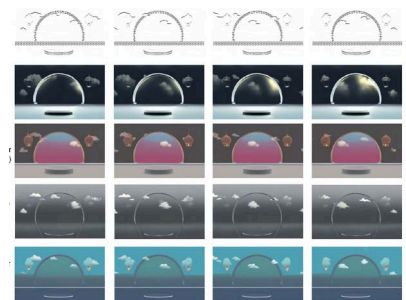
Probabilistic Adaptation of Text-to-Video Models

Fuente: Arxiv.org
Fecha: 02/06/2023

Lenguaje - IA



Large text-to-video models trained on internet-scale data have demonstrated exceptional capabilities in generating high-fidelity videos from arbitrary textual descriptions. However, adapting these models to tasks with limited domain-specific data, such as animation or robotics videos, poses a significant computational challenge, since finetuning a pretrained large model can be prohibitively expensive. Inspired by how a small modifiable component (e.g., prompts, prefix-tuning) can adapt a large language model to perform new tasks without requiring access to the model weights, we investigate ...(+)



Ver más...



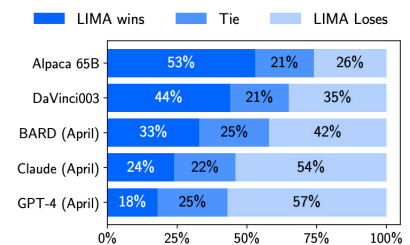
LIMA: Less Is More for Alignment

Fuente: Arxiv.org
Fecha: 18/05/2023

Lenguaje - IA



Large language models are trained in two stages: (1) unsupervised pretraining from raw text, to learn general-purpose representations, and (2) large scale instruction tuning and reinforcement learning, to better align to end tasks and user preferences. We measure the relative importance of these two stages by training LIMA, a 65B parameter LLaMa language model fine-tuned with the standard supervised loss on only 1,000 carefully curated prompts and responses, without any reinforcement learning or human preference modeling. LIMA demonstrates remarkably strong performance, learning to follow sp...(+)



Ver más...



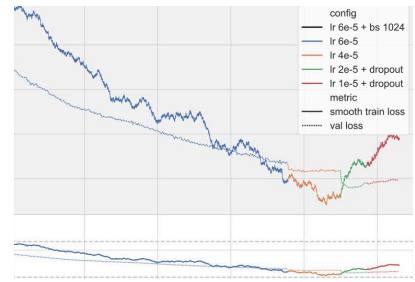
BloombergGPT: A Large Language Model for Finance

Fuente: Bloomberg.com

Fecha: 16/05/2023

Lenguaje - IA

The use of NLP in the realm of financial technology is broad and complex, with applications ranging from sentiment analysis and named entity recognition to question answering. Large Language Models (LLMs) have been shown to be effective on a variety of tasks; however, no LLM specialized for the financial domain has been reported in literature. In this work, we present BloombergGPT, a 50 billion parameter language model that is trained on a wide range of financial data. We construct a 363 billion token dataset based on Bloomberg's extensive data sources, perhaps the largest domain-specific dataset...(+)



Ver más...



Bloomberg

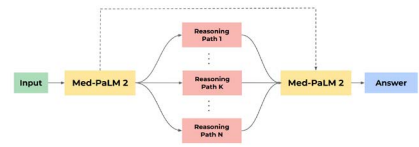
Towards Expert-Level Medical Question Answering with Large Language Models

Fuente: Arxiv.org

Fecha: 16/05/2023

Lenguaje - IA

Recent artificial intelligence (AI) systems have reached milestones in "grand challenges" ranging from Go to protein-folding. The capability to retrieve medical knowledge, reason over it, and answer medical questions comparably to physicians has long been viewed as one such grand challenge. Large language models (LLMs) have catalyzed significant progress in medical question answering; MedPaLM was the first model to exceed a "passing" score in US Medical Licensing Examination (USMLE) style questions with a score of 67.2% on the MedQA dataset. However, this and other prior work suggested s...(+)



Ver más...



Google

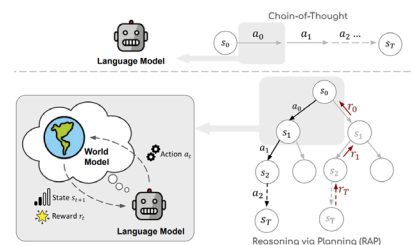
Reasoning with Language Model is Planning with World Model

Fuente: Arxiv.org

Fecha: 24/05/2023

Lenguaje - IA

Large language models (LLMs) have shown remarkable reasoning capabilities, especially when prompted to generate intermediate reasoning steps (e.g., Chain-of-Thought, CoT). However, LLMs can still struggle with problems that are easy for humans, such as generating action plans for executing tasks in a given environment, or performing complex math, logical, and commonsense reasoning. The deficiency stems from the key fact that LLMs lack an internal world model to predict the world state (e.g., environment status, intermediate variable values) and simulate long-term outcomes of actions. This pre...(+)



Ver más...



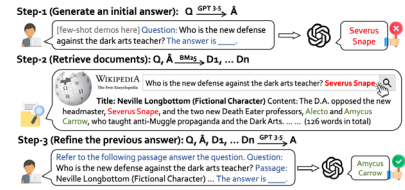
UC San Diego

Improving Language Models via Plug-and-Play Retrieval Feedback

Fuente: Arxiv.org
 Fecha: 23/05/2023

Lenguaje - IA

Large language models (LLMs) exhibit remarkable performance across various NLP tasks. However, they often generate incorrect or hallucinated information, which hinders their practical applicability in real-world scenarios. Human feedback has been shown to effectively enhance the factuality and quality of generated content, addressing some of these limitations. However, this approach is resource-intensive, involving manual input and supervision, which can be time-consuming and expensive. Moreover, it cannot be provided during inference, further limiting its practical utility in dynamic...(+)



Ver más...

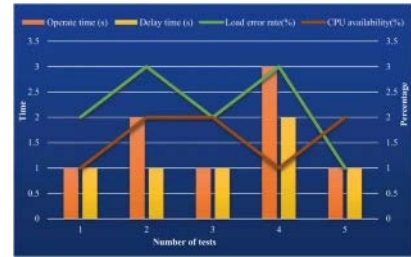


E-commerce Logistics Supply Chain Coordination Management System Based on Artificial Intelligence

Fuente: Springer.com
 Fecha: 18/05/2023

Logística 4.0

In recent years, artificial intelligence (AI) technology has developed very fast, especially in e-commerce logistics supply chain. As a new thing, it is gradually replacing the traditional human thinking mode. These advanced technologies such as intelligence, networking and cloud computing provide it with a broader platform and more possibilities to promote its further growth. Taking AI and big data as the research object, this paper analyzes the related concepts of e-commerce logistics supply chain and introduces its growth status. On this basis, it is proposed to establish an e-commerce logistics supply chain co...(+)



Ver más...



Sustainable energy propulsion system for sea transport to achieve United Nations sustainable development goals: a review

Fuente: Springer.com
 Fecha: 06/05/2023

Electrificación puertos

The cost of renewable energy technologies such as wind and solar is falling significantly over the decade and this can have a large influence on the efforts to reach sustainability. With the shipping industry contributing to a whopping 3.3% in global CO2 emissions, the International Maritime Organization has adopted short-term measures to reduce the carbon intensity of all ships by 50% by 2050. One of the means to achieve this ambitious target is the utilisation of propulsion systems powered by sustainable energy. This review paper summarises the current state of the adoption of renewable energy...(+)



Ver más...



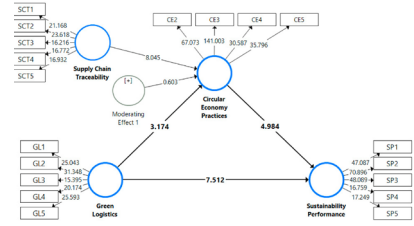
Unveiling the Role of Green Logistics Management in Improving SMEs' Sustainability Performance: Do Circular Economy Practices and Supply Chain Traceability Matter?

Fuente: Mdpi.com
 Fecha: 16/04/2023

Logística 4.0



Sustainability has been widely recognized as a pervasive phenomenon that underlies the operations and performance of businesses. Recent research has examined the effect of green logistics management on the sustainability performance of businesses. However, we contend that the relationship between green logistics management and the sustainability performance of firms is not direct but mediated through circular economy practices. We analyze the direct and indirect effects of green logistics management on business sustainability performance via circular economy practices, using the...



Ver más... →

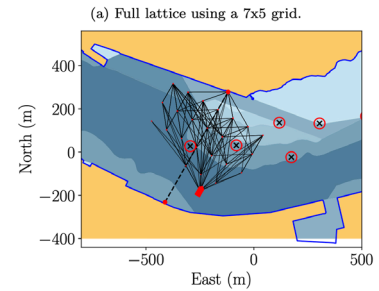
Autonomy for Ferries and Harbour Buses: a Collision Avoidance Perspective

Fuente: Arxiv.org
 Fecha: 20/04/2023

Electrificación puertos



This paper provides a collision avoidance perspective to maritime autonomy, in the shift towards Maritime Autonomous Surface Ships (MASS). In particular, the paper presents the developments related to the Greenhopper, Denmark's first autonomous harbour bus. The collision and grounding avoidance scheme, called the Short Horizon Planner (SHP), is described and discussed in detail. Furthermore, the required autonomy stack for facilitating safe and rule-compliant collision avoidance is presented. The inherent difficulties related to adhering to the COLREGs are outlined, highlighting some of the...



Ver más... →

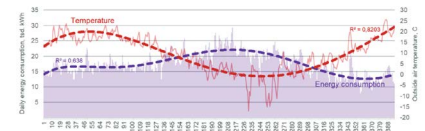
Using Artificial Intelligence (AI) methods for effectively responding to climate change at marine ports

Fuente: Tandfonline.com
 Fecha: 06/03/2023

Computación cuántica



Marine ports operations are often associated with a variety of externalities, including issues like air pollution and noise, among others; there is clearly a negative impact on the working environment and the quality of life of the citizens living next to a port. An effective way to improve the overall situation can be provided by deploying the shore-to-ship electrification method, also known as Cold Ironing. Unfortunately, there is still a disadvantage: there is no holistic approach involved, as the external electrical grid is usually powered by fossil fuels. In a different approach, the zero-emissions port concept uses a s...



Ver más... →



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