Peertec

블록체인과 ChatGPT
2023/09/14 한국정보처리학회

Glossary: Privacy Masking

https://www.networkwebcams.co.uk/blog/2008/07/07/privacy-masking/

https://research.aimultiple.com/data-masking/

https://www.soompi.com/article/1563437wpp/go-hyun-jung-and-nana-portray-the-mask-girl-in-new-webtoon-based-drama
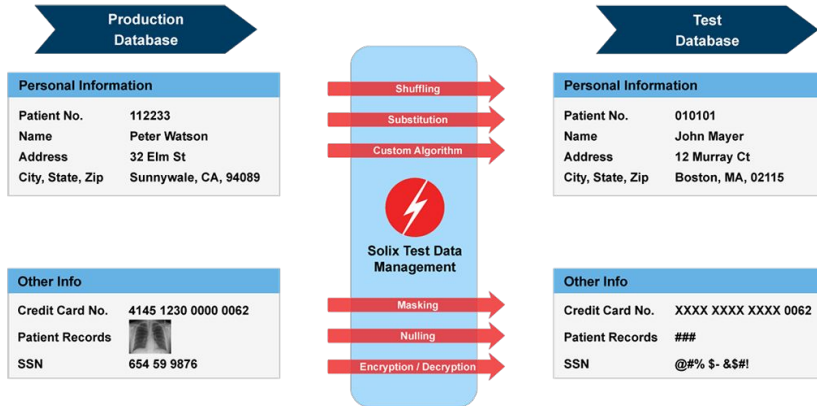
Blockchain technology is largely associated with cryptocurrencies such as Bitcoin, but this type of decentralized approach has a lot to offer the world in the arenas of internet transparency and democracy.

After Worldcoin Launch, Many Ask If Biometric Data Collection for Crypto Is An 'Outlandish Bribe'

https://www.thestreet.com/cryptocurrency/worldcoin-sam-altman-ai-biometric-data-collection-outlandish-bribe

https://brightdata.com/blog/brightdata-in-practice/data-collection-networks-are-powering-a-silent-blockchain-revolution

What is Worldcoin (WLD)? The Project That Wants to Scan Your Eyes

How Does Worldcoin Work?

Worldcoin hopes to provide a reliable way to authenticate humans online called World ID with a threefold objective:

- Establishment of a distinctive global digital identity – World ID
- Introduction of a global currency in the form of – the Worldcoin token (WLD),
- Development of – World App – to facilitate payments with WLD alongside other crypto-assets and fiat.

World ID

A more human internet with global proof-of-personhood.
Privacy-First. Self-custodial. Decentralized.

Korea, Republic of ⌄

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Worldcoin suspended in Kenya as thousands queue for free money

https://wagmi.tips/guides/chatgpt-nft/

NFT ticketing vs Traditional ticketing

	NFT ticketing	**NFT ticketing**
Duplication	NFTs are created and verified using blockchain technology, which ensures authenticity and immutability	Traditional tickets can be easily counterfeited or duplicated
Multiple usage	NFTs can be resold, traded, or collected	Traditional tickets are usually used only once to gain entry to an event
Prone to fraud	NFTs offer increased transparency, traceability and security	Traditional tickets can be more susceptible to fraud

NFTs ⬡ **seatlab**

New, Fairer Ticketing.

cointelegraph.com
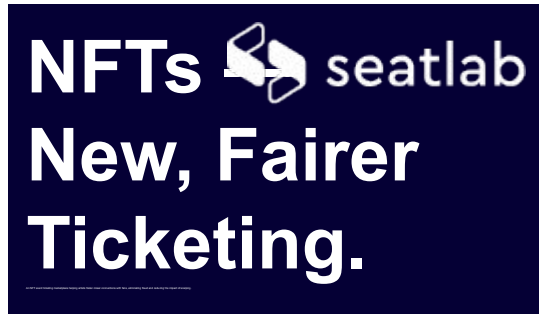
29 Other Crypto & NFTs Plugins for ChatGPT Like NFT Guru

Crypto Pulse

Offers real-time analysis of crypto news, translating news to profit potential and helping you decode the market impacts effortlessly.

#1 in Crypto & NFTs

📅 June 16, 2023   ♡ 5 likes

Solana Labs   Try it ⧉

Explores Solana blockchain data.

#2 in Crypto & NFTs

📅 August 3, 2023   ♡ 3 likes

TokenInsights   Try it ⧉

Provides realtime crypto price updates for BTC, ETH, BNB, along with the latest coin news and airdrop opportunities, keeping you informed about the crypto market.

#3 in Crypto & NFTs

📅 June 24, 2023   ♡ 3 likes

Defillama   Try it ⧉

Provides data on various DeFi protocols and blockchains, keeping you updated with the dynamic DeFi ecosystem.

#4 in Crypto & NFTs

📅 June 16, 2023   ♡ 3 likes

Mobula   Try it ⧉

Gathers real-time metrics for all cryptocurrencies and blockchain technologies.

#5 in Crypto & NFTs

📅 June 16, 2023   ♡ 2 likes

Swft cross chain   Try it ⧉

Queries cross-chain info and swap coins effortlessly, simplifying your crypto dealings.

#6 in Crypto & NFTs

📅 July 20, 2023   ♡ 2 likes

Smarter Contracts

Aids in the analysis of smart contracts and tokens on Ethereum, providing deeper understanding of blockchain assets.

Web3 User Activity   Try it ⧉

Lets you view any Web3 user's activities by entering a 0x address, ENS, Lens, and many other name services on the RSS3 Network.
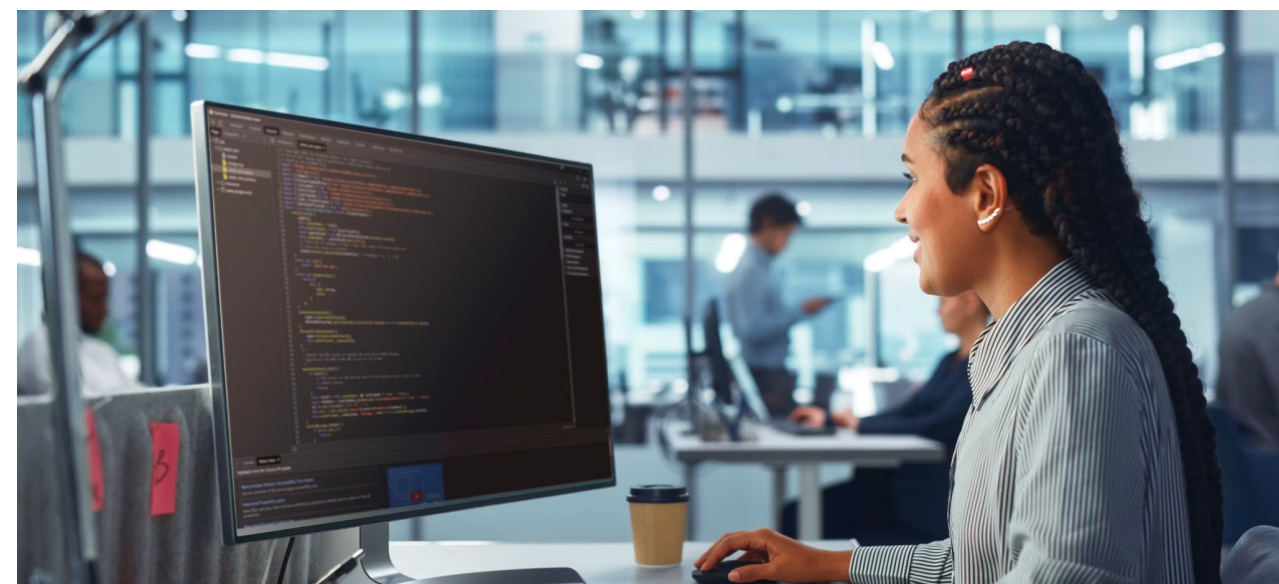
NFTs

Delivers key details of any NFT collection and provides insights based on the data with NFTs.

Generative AI with Large Language Models

DeepLearning.AI Short Courses

https://learn.deeplearning.ai/

https://www.coursera.org/learn/generative-ai-with-llms

https://www.coursera.org/articles/ai-engineer

Open LLMs

These LLMs (Large Language Models) are all licensed for commercial use (e.g., Apache 2.0, MIT, OpenRAIL-M).
Contributions welcome!

Model	LAMBADA (OpenAI)	HellaSwag	PIQA	ARC-Easy	ARC-Challenge	BoolQ	COPA	Winograd	Winogrande	TriviaQA	Jeopardy	MMLU
MPT-7B	0.703	**0.761**	**0.799**	**0.673**	0.394	0.750	**0.813**	**0.878**	**0.683**	0.343	0.308	0.296
LLaMA-7B	**0.738**	0.751	0.792	0.652	**0.411**	**0.767**	0.779	0.807	0.675	**0.443**	**0.334**	**0.302**
RedPajama-INCITE-Base-7B-v0.1	0.705	0.697	0.770	0.636	0.392	0.654	0.797	0.858	0.648	0.395	0.282	0.248
StableLM-7B (alpha)	0.533	0.411	0.666	0.435	0.259	0.606	0.672	0.646	0.513	0.049	0.000	0.251
Pythia-7B	0.667	0.636	0.761	0.581	0.325	0.634	0.769	0.786	0.607	0.198	0.022	0.265
Pythia-12B	0.704	0.672	0.768	0.605	0.351	0.675	0.781	0.847	0.627	0.233	0.026	0.253
GPTJ-6B	0.683	0.665	0.762	0.583	0.355	0.648	0.789	0.833	0.641	0.234	0.026	0.261
GPT-NeoX-20B	0.719	0.712	0.780	0.644	0.392	0.691	0.781	0.861	0.665	0.347	0.146	0.269
Cerebras-7B	0.636	0.582	0.744	0.564	0.311	0.625	0.734	0.779	0.603	0.141	0.012	0.259
Cerebras-13B	0.635	0.588	0.740	0.571	0.321	0.611	0.719	0.760	0.602	0.146	0.013	0.258
OPT-7B	0.677	0.676	0.773	0.579	0.329	0.665	0.719	0.840	0.656	0.227	0.020	0.251
OPT-13B	0.692	0.701	0.774	0.586	0.345	0.657	0.805	0.851	0.670	0.282	0.126	0.257

https://github.com/eugeneyan/open-llms

https://twitter.com/jefrankle/status/1654631746506301441/photo/1

Combining AI and blockchain for the future of data analytics

Data and blockchain

A blockchain – as described by McKinsey & Company – is an encoded digital ledger stored on multiple computers in a public or private network, comprising data records, or 'blocks'. Once these blocks are collected in a chain, they cannot be changed or deleted by a single actor; instead, they are verified and managed using automation and shared governance protocols.

https://technologymagazine.com/articles/combining-ai-and-blockchain-for-the-future-of-data-analytics

AI And Blockchain Analytics: The Urgent Need For Crypto Privacy Tools

Several AI startups are developing tools related to blockchain analytics, leading to a new generation of analytics companies, such as Blocktrace, Arkham, and Nansen.

This has the potential to positively influence Ethereum as well, as Ethereum founder Vitalik Buterin signaled his focus on crypto privacy tools in January 2023 by publishing a guide to stealth addresses. Similarly, Bain Capital Crypto cryptographer Wei Dai advocated for incorporating "zcash-style privacy" into Ethereum at the most recent DevCon conference in Bogota.

https://www.forbes.com/sites/digital-assets/2023/04/07/ai-and-blockchain-analytics-the-urgent-need-for-crypto-privacy-tools/?sh=1964984852c8

How big data, AI and blockchain are changing finance

The marriage of finance and technology has given rise to new players. Here's how pioneering fintech business models are transforming the financial industry.

The arrival of new market players has benefited not just the end user but also businesses, for whom banks have ceased to be the only access point to the financial system.

July 1, 2018

Oman launches $350M crypto mining center: Report

The center reportedly cost 135 million Omani rials (roughly $350 million) to construct, and it will use the latest hardware from Bitmain Technologies, with plans to set up 15,000 machines by October 2023. Currently, it operates in a pilot regime with 2,000 machines online, working from 11 megawatts of consumed power, according to the report.

THE SEC NEEDS TO 'TAKE THE WIN' AND APPROVE BLACKROCK'S BITCOIN ETF

As the world's largest asset manager looks to offer a spot ETF based on bitcoin, U.S. regulators have little choice but to approve it.

PayPal Launches U.S. Dollar Stablecoin

PayPal USD (PYUSD) is fully backed by U.S. dollar deposits, short-term U.S. treasuries and similar cash equivalents, and can be redeemed 1:1 for U.S. dollars.

All images are for illustration purposes only.
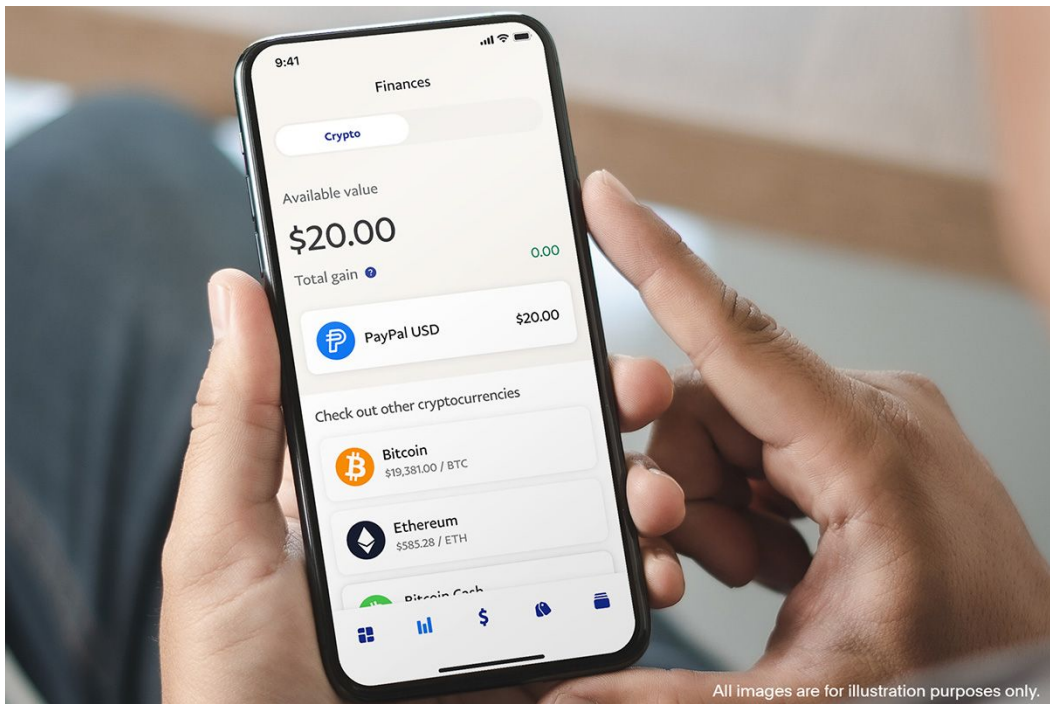
- **Transfer** PayPal USD between PayPal and compatible external wallets
- **Send** person-to-person payments using PYUSD
- **Fund purchases** with PayPal USD by selecting it at checkout2
- **Convert** any of PayPal's supported cryptocurrencies to and from PayPal USD

https://newsroom.paypal-corp.com/2023-08-07-PayPal-Launches-U-S-Dollar-Stablecoin

미래에셋증권, AI 자산관리 서비스 개시…Chat GPT 기술 적용

미래에셋증권은 고객별 맞춤 자산관리 정보를 제공하는 'AI 고객 맞춤 인포메이션 서비스'를 시작했다고 24일 밝혔다.

출처 : 시사오늘(시사ON)(http://www.sisaon.co.kr)

한편, 미래에셋증권은 Chat GPT로 대표되는 생성 AI 기술을 활발히 서비스화하고 있다. 올해 출시한 서비스를 살펴보면, AI를 활용해 미국기업 실적속보를 전해주는 '어닝콜 읽어주는 AI 서비스', 해외 주요 언론사의 기사를 번역해 제공하는 '해외뉴스 번역 서비스' 등이 있다.

출처 : 시사오늘(시사ON)(http://www.sisaon.co.kr)

https://www.sisaon.co.kr/news/articleView.html?idxno=153235

Exploring CeDeFi: The Merge of DeFi and CeFi

CeDeFi combines the top characteristics of CeFi and DeFi into one financial system enabling users to access DeFi products such as decentralized exchanges (DEXs), liquidity aggregators, yield farming tools, and lending protocols while still reaping the perks of CeFi systems.

https://www.cryptotimes.io/cedefi-the-merge-of-defi-and-cefi/

Peer-to-peer trading has skyrocketed and remains a major percentage of transactions from the African country.

https://www.linkedin.com/pulse/defi-needs-cefi-now-more-than-ever-heres-why-omunakwe-desire/

Conclusion & QnA