BLOCKCHAIN HEALTHCARE SITUATION REPORT (BC/HC SITREP)

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WELCOME

Blockchain and artificial intelligence go together like chocolate and peanut butter.

Or TCP and IP.

We'll be exploring this overlap more in future, both as a society and also here at BC/HC SITREP.

I've included two pieces on this combo this week, relating to the potential lifesaving work of Skychain in using blockchain and AI to correct medical errors.

If it pans out, this will be huge. Just one of many world-changing events to come.

— Sean Manion, PhD

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BLOCKCHAIN HEALTHCARE NEWS

Enhancing Federal Research: Traumatic Brain Injury & Blockchain Technology – Part 1, Introduction

The first in a series of how blockchain technology can revolutionize federal traumatic brain injury research.

http://www.fedhealthit.com/2018/03/enhancing-federal-research-traumatic-brain-injury-blockchain-technology-part-1-introduction/

Want to Know Yourself Better? Blockchain Can Help

A look at how blockchain for healthcare will enhance patient experience and knowledge.

> *"Physicians, nurses, and care coordinators just want clarity and a view of how their patients are doing throughout their care journey." - Katherine Kuzmeskas, Cofounder and CEO of SimplyVital Health*

https://www.forbes.com/sites/jamiemoy/2018/03/01/want-to-know-yourself-better-blockchain-can-help/#4aadf182d693

Healthcare Blockchain Key Component for Trusted Data Exchange

EHNAC's Lee Barrett maintained that healthcare blockchain can greatly aid the development of a trusted exchange framework and improve data privacy and security.

Healthcare blockchain is quickly becoming a hot topic in the industry, but data privacy and security and how data will be properly utilized are key concerns for the technology.

https://healthitsecurity.com/news/healthcare-blockchain-key-component-for-trusted-data-exchange

IBM showcasing full portfolio at HIMSS18, from pop health tech to blockchain and beyond

All its properties will be in one place at Booth 6243, which will feature innovations powered by a diverse array of acquisitions in recent years.

http://www.healthcareitnews.com/news/ibm-showcasing-full-portfolio-himss18-pop-health-tech-blockchain-and-beyond

Blockchain-based Artificial Neural Networks To Save Thousands Of Lives From Medical Errors

When we consider quite how far medicine has developed worldwide in the past century, it could be easy to become complacent and assume that we have advanced our treatment methods and capabilities as far as possible. However, a 2016 study revealed some quite shocking statistics regarding healthcare mistakes; namely, that 250,000 US citizens were killed every year from medical errors, such as misdiagnosis or incorrect dosage administration by healthcare professionals. This technically puts it at the third largest killer in the US, behind heart disease and cancer. Estimates of the economic costs of these mistakes reach up to $20.8 bln annually. With human error being one of the main causes of medical mistakes, the healthcare industry is now able to turn to artificial intelligence (AI) for help.

https://cointelegraph.com/news/blockchain-based-artificial-neural-networks-to-save-thousands-of-lives-from-medical-errors

Artificial Intelligence & Blockchain in Medicine Will Save Millions of People from Mistaken Diagnoses

Skychain Global, for the first time in Russia, has successfully conducted a test of the artificial intelligence system for medical diagnostics, comparing the number of errors committed by the living doctors. This infrastructure blockchain project is aimed at helping doctors and patients have accurate diagnoses.

http://bitcoinist.com/artificial-intelligence-blockchain-medicine-will-save-millions-people-mistaken-diagnoses/

BLOCKCHAIN NEWS

Blockchain and a potential snafu with EU privacy law

There's one huge problem on the horizon for blockchain: Europe's privacy push in the shape of its General Data Protection Law.

The legislation, which will come into effect in a few months' time, says people must be able to demand that their personal data is rectified or deleted under many circumstances.

https://www.phocuswire.com/Blockchain-collision-course-privacy-law

Cisco: Blockchain will democratize innovation itself

When blockchain brings transparency to business processes and supply chains, it could create an open market for services that have been difficult to measure in the past.

https://www.techrepublic.com/article/cisco-blockchain-will-democratize-innovation-itself/

Chinese Retail Giant To Use Blockchain To Track Beef, Prove Food Safety

The Chinese e-commerce giant JD.com is implementing Blockchain to track the supply chain of its meat sales, Business Insider reports on March 3.

https://cointelegraph.com/news/chinese-retail-giant-to-use-blockchain-to-track-beef-prove-food-safety