

The Decision Platform

AI + Blockchain Flash Reports



AI + Blockchain

Flash Topic Report



Why is the topic important?

Blockchain combined with artificial intelligence provides proof of digital transactions, eliminating the need for third-parties in cryptocurrency and other transactions.

Keywords:

[blockchain](#), [bitcoin](#), [cryptocurrency](#), [ai](#), [artificial intelligence](#), [ml](#), [machine learning](#)

Industries:

[internet infrastructure](#), [peer-to-peer](#), bitcoin, cryptocurrency, computing, machine learning/artificial intelligence, [fintech](#), banking, trading

Applications:

transactions, cryptocurrency, connectivity, security

Who is Developing it?

IBM, AWS, Microsoft, SAP, Intel, Oracle, and 408 startups in TDP's database

Technology Stage:

scale-up

Business Stage:

scale-up

Market Size:

The [blockchain market](#) expected to grow to USD 23.3 billion by 2023, at an impressive CAGR of 80.2% during 2018–2023. The [artificial intelligence market](#) is expected to exceed more than USD 191 Billion by 2024 at a CAGR of 37% in the forecast period.

Analyst Notes:

Blockchain is a technology that allows for transactions and data to take place without the possibility of them being altered, replicated, or falsified. "The technology at the heart of bitcoin and other virtual currencies, blockchain is an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way. The ledger itself can also be programmed to trigger transactions automatically." Applying artificial intelligence and machine learning technologies to blockchain can allow for increased efficiency and completeness in cryptocurrency mining and transaction tracking.



AI + Blockchain Import/Export

Flash Application Report



Why is the application important?

Improved efficiencies, reduced errors, eliminate reconciliation & audits, increased transparency, reduce cost of finance, and increased profit margins

Keywords:

[blockchain](#), [bitcoin](#), [cryptocurrency](#), [ai](#), [artificial intelligence](#), [ml](#), [machine learning](#), trading

Applications:

SMEs, [peer-to-peer](#), financial transactions, supply chain, transactional compliance, policy compliance, B2B

Who is Developing it?

33 startups in TDP's database

Technology Stage:

first launch

Business Stage:

first launch

Biggest Potential Impact:

the biggest potential impact ai + blockchain can have on the trading industry is the ability to analyze and identify trends in transactions and automating processes

Largest Barrier:

The largest barrier of adoption of this technology is the required computing power & the uniform use throughout the supply chain

Analyst Notes:

The combination of ai + blockchain in trading is anticipated to disrupt the global trading industry. The overall benefits from this technology is increased efficiencies across the board in global trade. From a [macro-economic lens](#), this technology has the potential to increase GDP growth, while at the same time lowering product prices. This technology is beginning to be adopted slowly into many industries, if it is going to be implemented in trading, banks, distributors, customs, freight forwarders, buyers/sellers, manufacturers, etc. need to adopt this technology uniformly. TDP sees ai + blockchain as an innovative and disruptive technology for the global trade industry and beyond.

