Decentralized AI (DeAI) Basics

Decentralized AI describes a worldwide movement to ensure AI development continues to evolve in ways that fosters permissionless and equal access to AI products and AI product development by providing open access to training data and computing power. For too long, large technology companies and governments have used their size and industry dominance to stifle innovation, squash competition and consolidate their own power. Data security and privacy have taken a back seat to profits and politics. Through the use of blockchain-based AI solutions, DeAI seeks to reverse this alarming trend by leveling the playing field for independent AI developers.

Scalability and Flexibility

Instead of relying on massive, centralized servers, decentralized AI distributes inference tasks across a network of nodes, reducing bottlenecks, enhancing efficiency, and enabling the system to scale dynamically as demand increases.

Resilience and Reliability

Since no single entity controls the system, there is no central point of failure. If one node in the network goes offline, other nodes can be routed the work that would have gone to that shut down node. This structure makes DeAI networks harder to shut down, making them resilient in the case of censorship and technical failure.

Democratization of AI Development

Unlike centralized AI, where a few corporations dictate how models function and evolve, decentralized AI places governance with its community, often those holding the protocol, tokens or NFTs. In some protocols, users can upload or even train their own models, allowing more flexibility than centralized systems that can change models without the users consent. Decentralized AI projects improve AI transparency, increase AI data security, reduce IP theft, allow for self - governance and provide permissionless access to computational resources,

---

"Manifest AI powered by the Manifest Network was built to be a platform to power strong collaboration with the brightest minds of all industries to ensure everyone can benefit from the transformative power of AI technology securely, Our partnership with Sarson Funds is a step towards creating a more accessible and equitable AI landscape."

-Adam Bren, CMO of Manifest AI

"As AI advances beyond traditional corporate control, the opportunity to build decentralized, community-driven solutions has never been greater, Through our partnership with Manifest AI, we're accelerating the development of an AI infrastructure that prioritizes transparency, security and innovation."

-Reed Baum, AI Portfolio Manager, Sarson Funds

Building a future where AI is developed with transparency, accessibility and decentralized governance—empowering individuals and businesses worldwide.