Privacy in the Age of Al

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AI systems are failing us

- Flawed responses
 - Ads based
 - Biases
 - Blackboxes
- Security risks
 - Major data leaks are waiting to happen
- Open-Source AI is not sustainable
 - Stability AI unable to pay for rented cloud GPUs
- Trust issues -> Restricted access in many countries

Why It Matters

User-Owned AI

- Fair access to anyone
- Fully verifiable/auditable stack
- Control over your data
- Sustainable business model for every actor
 - Share your data and get rewarded
 - Build a model for a specific need

Al optimized for users' wellbeing and economic success

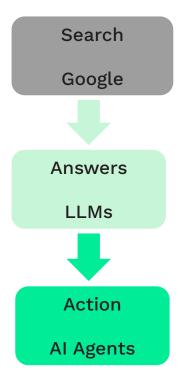
Thesis



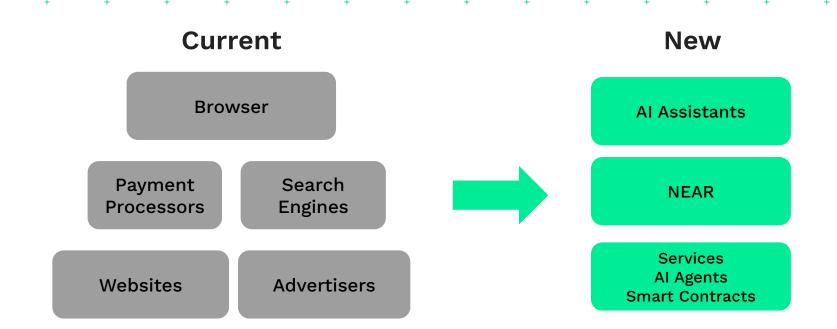
The world is going to transition from websites and apps to AI & agents

We need to ensure:

- Confidentiality your AI assistant will know everything about you
- 2. Equal access & control of AI capabilities
- 3. User ownership of assets, data, and choice



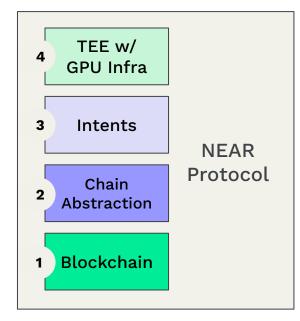
Paradigm Shift



What does 'Blockchain for Al' mean?



- 1. A **blockchain that can scale** & support transactions by trillions of AI agents and billions of users
- 2. Solutions that enable AI agents to operate across different chains (i.e. Chain Abstraction tech)
- ✓ 3. A negotiation, commitment, & dispute framework that allows agents to work together across a variety of on- & offchain systems
- 1. The ability to **privately & verifiably perform AI**1. **training and inference** (to incentivize open-source model contributors)



A multi-purpose Protocol for the AI-first future

NEAR AI Stack

Agent Cloud

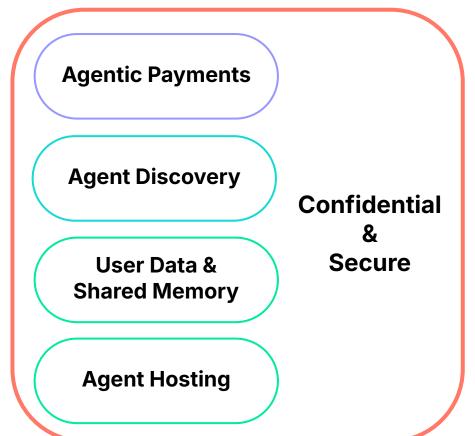
- Host your Al Agent
- Access hundreds of AI Agents
- Generate revenue from your agent

NEAR AI Agent SDK

 Create complex agents in Python or Typescript

NEAR Protocol

- Micro-transactions between agents
- Chain Abstraction to interact with any blockchain



Trusted Execution Environment



Trusted Execution Environment (TEE): enables computation on third-party hardware that guarantees the computation run & outcome achieved

CPU: Intel TDX, AMD SEV, ARM CCA

GPU: NVIDIA Confidential Computing starting with H100s

Confidential VM is an abstraction over TEE-specific hardware

CVM
Confidential Virtual
Machine

What TEE magic enables?

- Fully Encrypted Models
 - Train your model in a TEE
- Monetized Confidential Inference
 - Share access to your model and get rewarded for it
- Verifiable Agents
 - Ensure that the AI Agent being ran is the one you expect.

Fully verifiable stack, don't trust, verify!

Monetized Confidential Inference



