# DIGITAL CREDIT

Opportunities and Privacy Implications





#### OPPORTUNITIES # BEST PRACTICES

#### **Mega-trend #1: Centralization**



 Advertising, contact tracing, surveillance, and underwriting methods increasingly similar. Big data + machine learning.

Sovereignty, sovereignty. Data, internet, payments.

Monopoly and oligopoly platforms.

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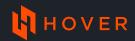


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- Vertical integration (e.g. Amazon the vaccinated supply chain)
- Alternative, dynamic underwriting
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- Recommend strong encryption, differential privacy, and proactive regulation
- Risk of micro-targeting leading to SHAPING of belief & behavior (Facebook as cautionary tale)



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## **Mega-trend #2: Decentralization**



• Distributed ledger technology, cryptocurrency, end-to-end encryption, extraterrestrial infrastructure.

 Sovereign individual, data portability. Person-to-personification of everything.

Edge computing, sharding, off-chain transactions.

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- Peer-to-peer
- Distributed escrow
- Smart contracts
- Affordable access
- Last mile/meter delivery
- Abstraction/routing layers (infrastructure)
- Localization



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- Mutable vs. immutable
- Pseudonymous
- Cryptography arms race
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