

## **Evolution of bitcoin and cryptocurrencies**

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### **Abstract**

Since bitcoin was introduced in 2009 cryptocurrencies and distributed ledger technology evolved to a globally significant phenomena. Beyond censorship-resistant payments the applications include decentralized finance, distributed autonomic organizations (DAO), digital identity — all shaping the future of governance, finance and World Wide Web.

From the researchers perspective blockchain networks generate rich datasets due the transparent nature of the public ledger.

The talk gives a brief overview of the short (but eventful) history of cryptocurrencies, its use cases, metrics and perspective research areas.