
DataNation

Cardano: Turning Dormant Data into Business Assets

Problem Statement

The AI Data Gap

- Tapping into business data that can be used to train AI Large Language Models(LLMs), where logical groups of data is known as datasets.
 - Businesses have dormant or siloed data that they are not extracting any value from.
 - There is a lack of in-house expertise or resources to transform raw data into AI ready training formats.
 - AI Engineers and Data Analysts with specific domain knowledge want additional income streams.
 - Businesses cannot all afford to build their own AI solutions.
 - AI Companies do not have enough suitable domain datasets to train their models.
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Value Proposition

Releasing Data to fuel the AI economy

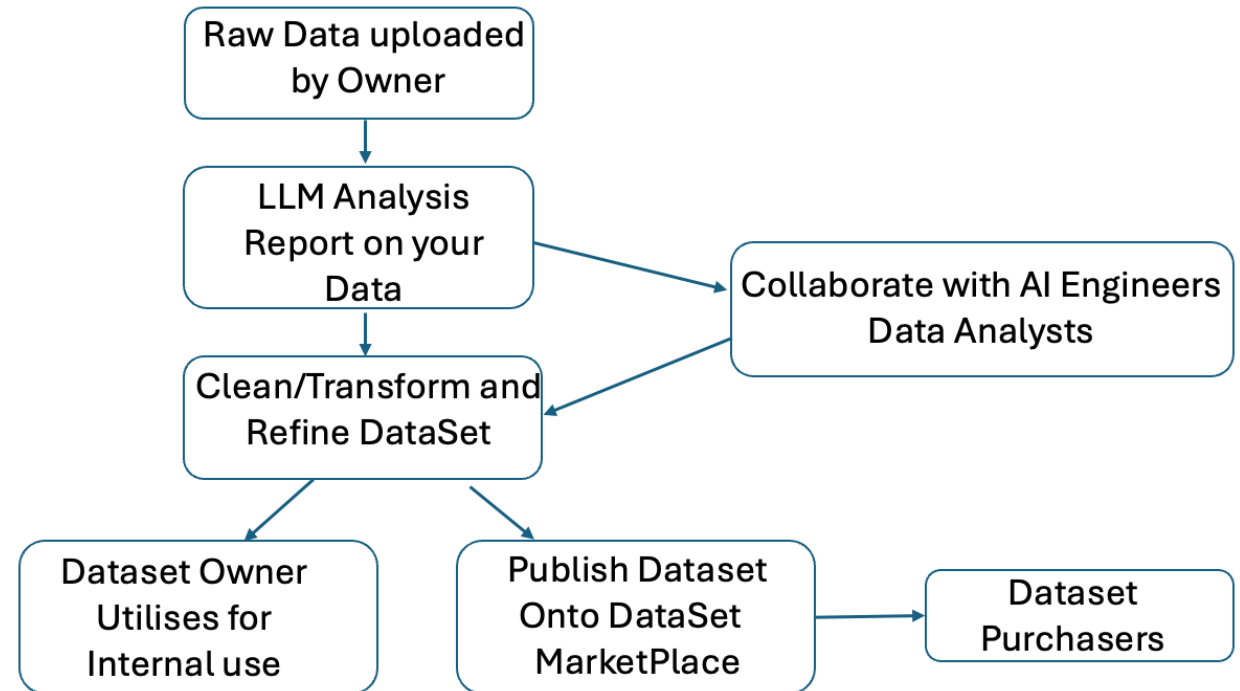
For Businesses	For AI Companies/Engineers
<ul style="list-style-type: none">• Monetise existing dataset assets.	<ul style="list-style-type: none">• Discover and acquire high quality datasets for specific domains.
<ul style="list-style-type: none">• Collaborate and utilise siloed data for internal AI projects.	<ul style="list-style-type: none">• Reduce data preparation time and costs.
<ul style="list-style-type: none">• Share revenue generated by datasets and offset AI expert costs.	<ul style="list-style-type: none">• Improve AI model accuracy and performance.
<ul style="list-style-type: none">• Gain access to AI ready data.	<ul style="list-style-type: none">• Create additional income streams.
<ul style="list-style-type: none">• Accelerate AI adoption and innovation.	<ul style="list-style-type: none">• Work within a compliance and AI Ethics framework that companies can trust when using DataNation datasets.

The Business Model

- Subscription fees for platform use and advanced features.
 - Transaction commission revenues.
 - Fractional dataset owners stake their datasets for a fixed period, during which time Decentralised Finance (De-Fi) income can be generated from these funds.
 - Data licensing and partnerships.
 - Combining same domain datasets.
 - Support for real-time data streaming and processing.
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DataNation: Outline

- LLM AI model will analyse your dataset.
- Connects businesses with skilled AI and Data experts.
- Provides a secure and transparent marketplace for data.
- Store all transactions and ownership on-chain.



DataNation: Competitor Analysis

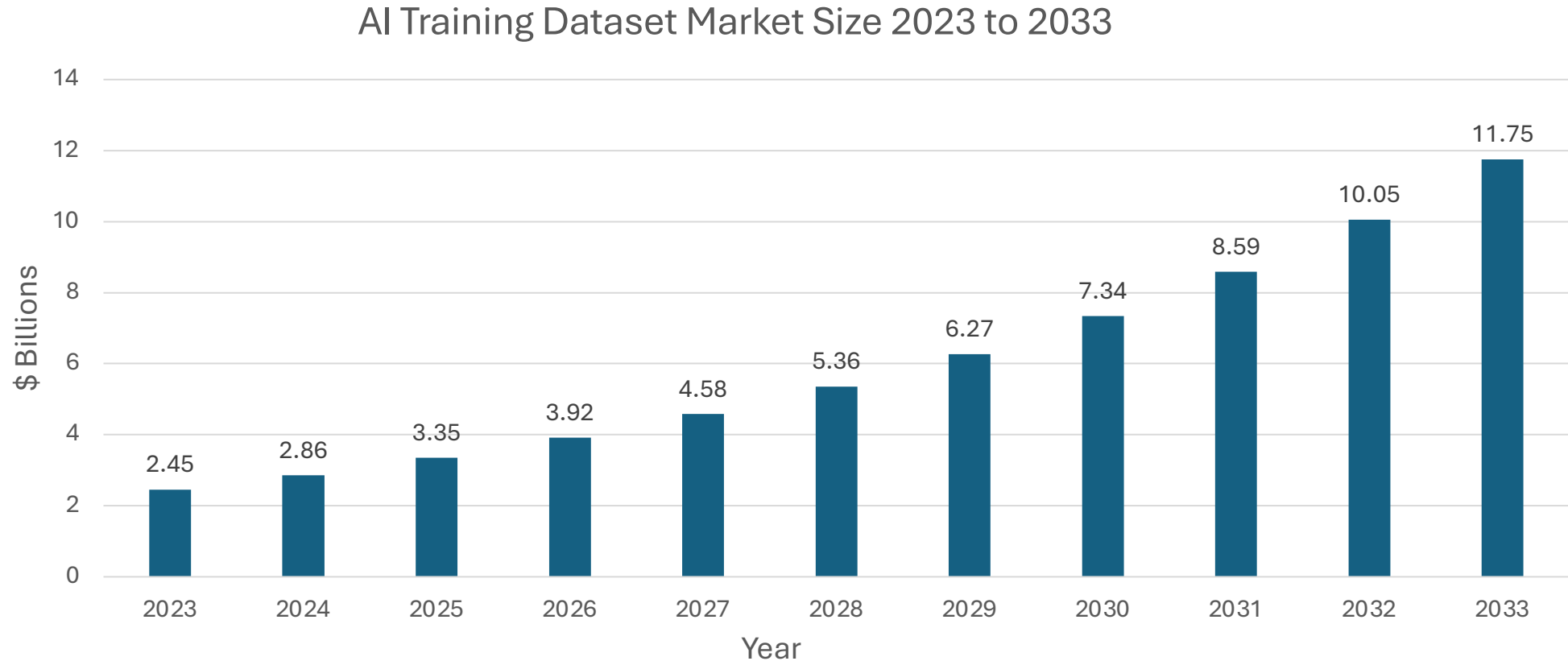
Feature / Platform	DataNation	Ocean Protocol	Snowflake
Core Focus	AI-ready dataset monetization, collaboration & decentralised dataset store	Decentralized data marketplace	Cloud-based data warehousing & analytics
Target Users	Businesses, AI Engineers, Data Analysts	Businesses, developers, individuals	Large enterprises, corporations
Monetisation Model	Subscriptions, transaction fees, fractional dataset ownership, DeFi staking, data licensing	Token-based payments (OCEAN), staking, data NFTs	Pay-as-you-go (storage, queries), subscriptions
AI Readiness	LLM-powered dataset analysis & transformation	No AI-specific dataset transformation	Strong analytics but no AI dataset preparation
Collaboration Features	AI Compliance & Ethics framework, Decentralised data-sharing platform	Open marketplace but no structured collaboration	Centralized enterprise data sharing
On-Chain Data Ownership	Cardano Smart Contracts for fractional dataset ownership and tokenization of datasets	Ethereum-based data tokenization	No on-chain ownership, fully centralised
AI Marketplace Integration	Datasets optimized for AI model building and fine-tuning	General dataset marketplace (not AI-focused)	No AI model-specific dataset marketplace
Security & Compliance	Built-in AI Ethics framework & transparent governance	Users manage privacy & encryption	Enterprise-grade security but centralised control
Cost Efficiency	Lower transaction fees & storage costs due to Cardano	Ethereum fees can be high	Cloud storage can become expensive
Revenue-Sharing for Contributors	Fractional dataset ownership with revenue-sharing	Data NFT sales & staking	No revenue-sharing for data contributors
DeFi & Data Monetisation	Users stake datasets & earn DeFi rewards	Some staking mechanisms	No blockchain-based monetisation
Business Differentiation	Decentralized data tokenised marketplace optimized for AI collaboration & monetisation	Data tokenization with decentralised marketplace	Centralized enterprise data sharing

DataNation's Competitive Edge

- LLM powered dataset analysis, transformation recommendations and action plan report.
 - AI Compliance and AI Ethics framework.
 - Dataset sharing on a scalable and secure decentralised platform with low costs.
 - Data and AI collaboration platform that reduces business costs and creates value.
 - Own or purchase fractional revenue share of dataset incomes on the dataset MarketPlace.
 - Cardano Smart Contracts to store value and ownership rights on chain.
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Market Size

AI Training Dataset Market Size and Growth



Source: <https://www.precedenceresearch.com/ai-training-dataset-market>

Traction and Future Roadmap

Building
Momentum and
Driving
Innovation

Early Traction:

- Strategic Partnerships
 - www.iagon.com – Decentralised Physical Infrastructure
 - www.gomaestro.org – Payment Processes and De-fi
- Customer Adoption and Pilot Projects
 - Initially within the Cardano ecosystem

Platform Roadmap:

- **Near-Term (6-12 months):**
 - AI LLM data analysis reporting feature for Datasets
 - Enhanced AI data ethics, compliance and security features
 - Data and De-fi monetisation features
- **Mid-Term (12-24 months):**
 - Building a collaborative data ecosystem and marketplace
 - Develop Graph Theory algorithms to automate dataset transformations
 - Data licensing and partnerships
 - Integration with popular AI platforms
 - Combining similar domain datasets
- **Long-Term (24+ months):**
 - Support for real-time data streaming and processing
 - Developing industry specific data solutions

Thank you for your time

- Presented by Founder – Ami Bening
 - <https://www.linkedin.com/in/amibening/>
 - DataNation website
 - www.DataNation.guru
 - Register your interest and empower business with data assets.
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