



# Micro-Seed Litepaper



**polygon**



ethereum

This document is only valid for  
the Micro-Seed phase

Do not distribute without  
permission

**We are crafting  
a turnkey AI  
platform for all.  
Use ready-made  
apps, tweak AI,  
use decentralized  
assets, or forge  
new pathways with  
AI from scratch.**

Quantforge AI is a go-to SaaS platform for Enterprises & SMBs to build, test, and deploy multi-modal Gen-AI apps, tailored to company data, at their own cloud.

## Contents

<b>Introduction</b>	04
<b>Executive Summary</b>	05
<b>Mission &amp; Vision</b>	06
<b>Market Opportunity</b>	
Market opportunity in India	07
Global Market Opportunity	07
<b>Products</b>	
Fusion - Decentralized Data Marketplace	09
Catalyst - AI RAG Platform	13
Juris - Legal AI Assistant	17
<b>Business Model</b>	20
<b>Key Differentiators</b>	22
<b>Tokenomics</b>	24
<b>Team</b>	26
<b>Roadmap &amp; Milestones</b>	28
<b>Use of Funds</b>	30
<b>End Notes</b>	31

*Our platform offers a unique opportunity for investors to participate in the growth of the AI and blockchain industries.*

# Introduction

An introduction to Quantforge

**Our interconnected ecosystem offers organizations a comprehensive solution for maximizing the value of their data and AI initiatives.**

Our unique approach to integrating AI, blockchain, and data security sets us apart from our competitors.

Quantforge is at the forefront of innovation in the AI industry, offering a cutting-edge AI Software as a Service (SaaS) platform that combines the power of artificial intelligence with blockchain technology. Our platform is designed to revolutionize the way data is shared, monetized, and utilized for AI model training.

Our ecosystem includes Fusion, a decentralized data marketplace; Catalyst, an AI RAG platform; and Juris, a Legal AI platform. What sets Quantforge apart is the seamless integration and interoperability of our ecosystem components.

Fusion serves as the backbone, facilitating data sharing, computation, and monetization. Juris leverage the data from Fusion for various tasks, while Catalyst enhances data retrieval and generation processes, and utilizes Fusion data assets.

Together, our interconnected ecosystem offers organizations a comprehensive solution for maximizing the value of their data and AI initiatives.

# Executive Summary

**Quantforge enables contribution of quality models and data assets, fostering collaboration and innovation.**

The demand for large-scale diverse datasets is rapidly increasing due to the advancements in AI services impacting day-to-day life. However, gathering such massive datasets remains a critical challenge in the AI service engineering pipeline, especially in the computer vision domain where labeled data is scarce. This is not getting easier for organizations any time soon.

Quantforge aims to revolutionize the AI and data industry by providing a decentralized platform where organizations can monetize their data and AI models securely. Our \$QUANT utility token facilitate transactions across our platforms, ensuring a transparent and efficient ecosystem.

Users who train their own models and make them available are compensated in \$QUANT, the native utility token of the platform. This compensation applies if the models or datasets are listed in the Fusion marketplace or made available for Juris or Catalyst platforms, depending on the use case.

Token holders can vote on key decisions, such as which new data sources to integrate or which AI projects to fund. They will also be able to vote on the quality of datasets or AI models available in the marketplace, ensuring that only the best resources are easily accessible.

Overall, these mechanisms incentivize organizations and users to contribute high-quality models and data assets, fostering a collaborative and enriching environment for innovation in machine learning and AI development.

# Mission & Vision

*Always striving for excellence.*

## Our Mission

Quantforge aims to empower enterprises by seamlessly integrating advanced AI tools with blockchain technology, delivering secure, compliant, and scalable solutions tailored to each client's needs. We focus on practical applications and measurable outcomes to drive business efficiency and innovation.

## Our Vision

Our vision is to be the premier platform for AI-driven business transformation, harnessing blockchain technology to enable secure data utilization and monetization. We strive to set the industry standard for integrating AI and blockchain, providing businesses with the tools they need to thrive in a data-centric world.

# Market Opportunity

*Quantforge is well-positioned to leverage the synergies between AI & blockchain.*

## Market Opportunity in India

India's AI and blockchain market is rapidly growing, with an increasing number of enterprises adopting AI solutions to enhance their operations. The country's data generation is projected to reach 6 zettabytes (6M petabytes) by 2025, presenting a significant opportunity for data monetization platforms like Fusion.

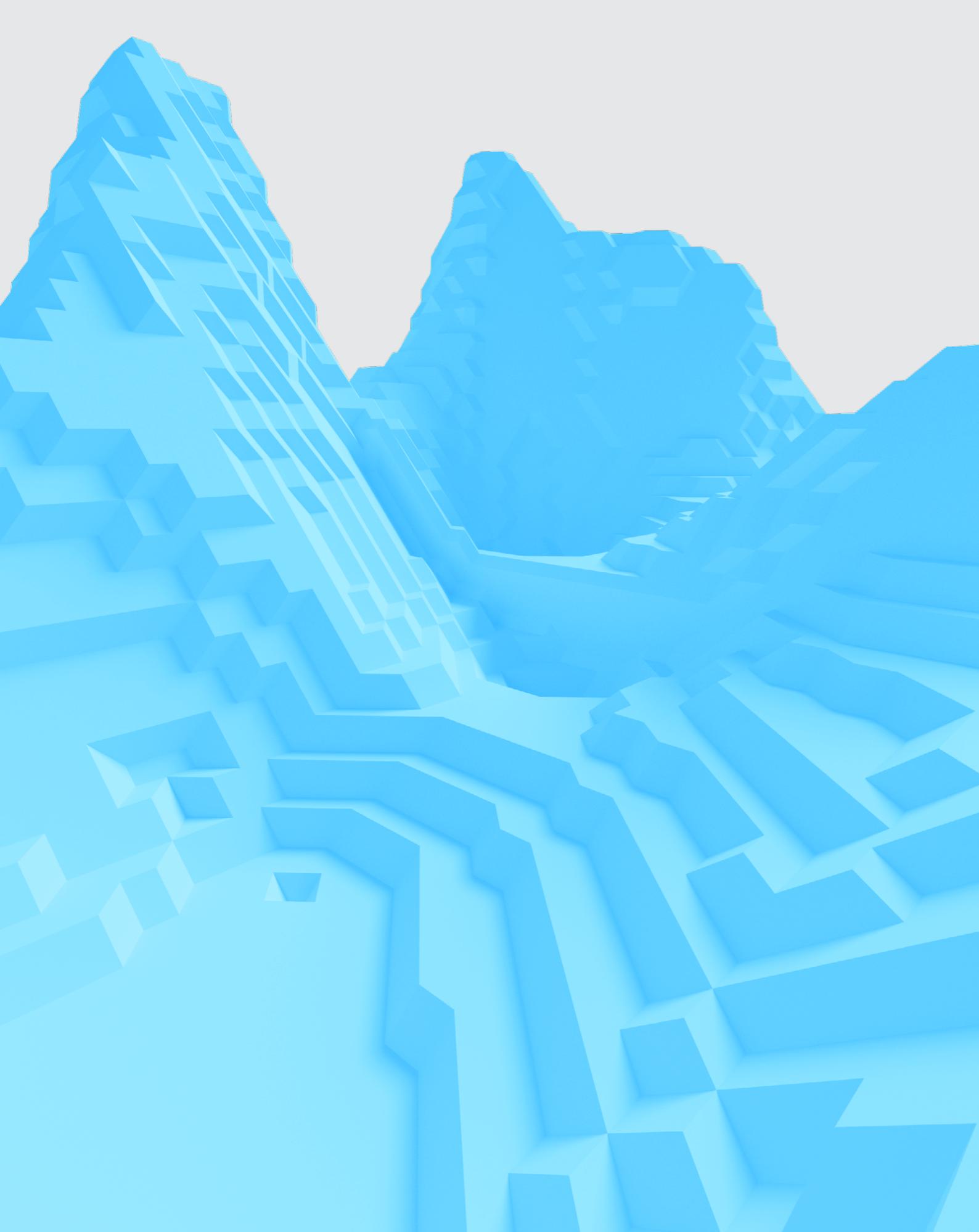
Additionally, India's AI market is expected to grow at a CAGR of 40% by 2025, driven by government initiatives and the burgeoning startup ecosystem, AI, and Web3 talent pool.

## Global Market Opportunity

The current AI market is projected to reach \$1,597.1 billion by 2030, with a compound annual growth rate (CAGR) of around 38.1% from 2022 to 2030. North America holds the largest market share, but the Asia-Pacific region is the fastest-growing market due to increased investments and governmental initiatives.

Worldwide blockchain market is forecasted to increase from \$17.57 billion in 2023 to reach \$825.93 billion by 2032, with a CAGR of 56.3% during the years 2023-2032, driven by the rising demand for secure data transactions and the integration of blockchain with other advanced technologies, including AI.

Given these trends, Quantforge is well-positioned to leverage the synergies between AI and blockchain, offering innovative solutions that cater to the growing needs for larger data assets, custom model trainings, and automation across various industries.



Products : Fusion

# Fusion

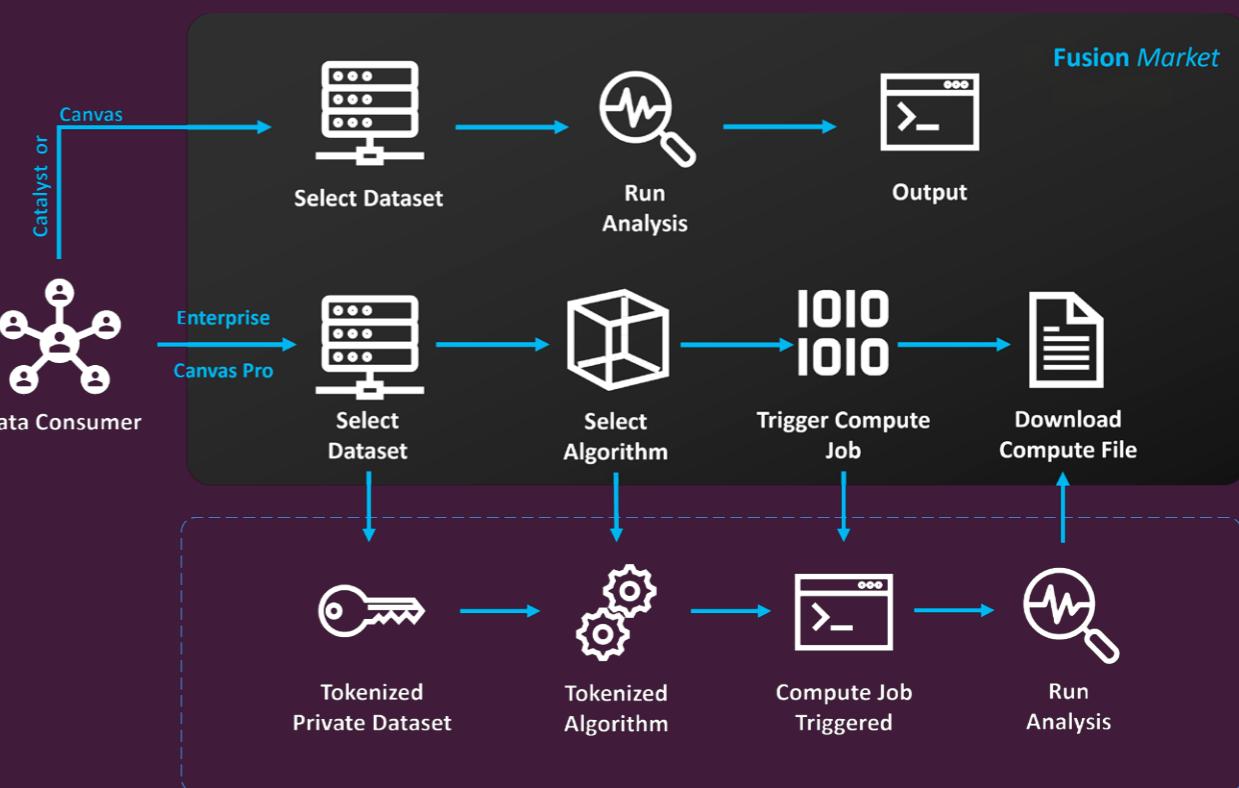
Decentralized Data Marketplace - Phase 1

A secure, decentralized marketplace for monetizing data and accessing AI services using federated learning and \$QUANT tokens.

Fusion is a decentralized marketplace that enables organizations to monetize their data securely. Data owners can offer their data for sale, and all computations are performed on the data owners' side using federated learning via an edge node. Transactions are facilitated using \$QUANT tokens. Fusion also provides datasets for Juris and Catalyst, enabling seamless integration and data sharing across platforms.

## Key Features

1. Decentralization: Connect decentralized data sources and computing resources.
2. Marketplace: Access a marketplace for AI agents and services.
3. \$QUANT Token: Use our native token for transactions, governance, and staking.
4. Security: Enhanced security and transparency through blockchain technology



## Products : Fusion

### Industry Applications:

1

#### Healthcare Data Exchange

Description: Hospitals and research institutions can securely monetize patient data and medical research findings.

Benefit: Enhances medical research while preserving patient privacy through federated learning.

2

#### Financial Data Monetization

Description: Banks and financial institutions can sell anonymized transaction data to analytics firms.

Benefit: Provides valuable insights for market analysis without compromising sensitive customer information.

3

#### Smart City Data Sharing

Description: Municipalities can offer data from IoT devices, such as traffic sensors and environmental monitors, to urban planners and tech developers.

Benefit: Improves city planning and smart city initiatives by making real-time data accessible and actionable.

4

#### Academic Research Collaboration

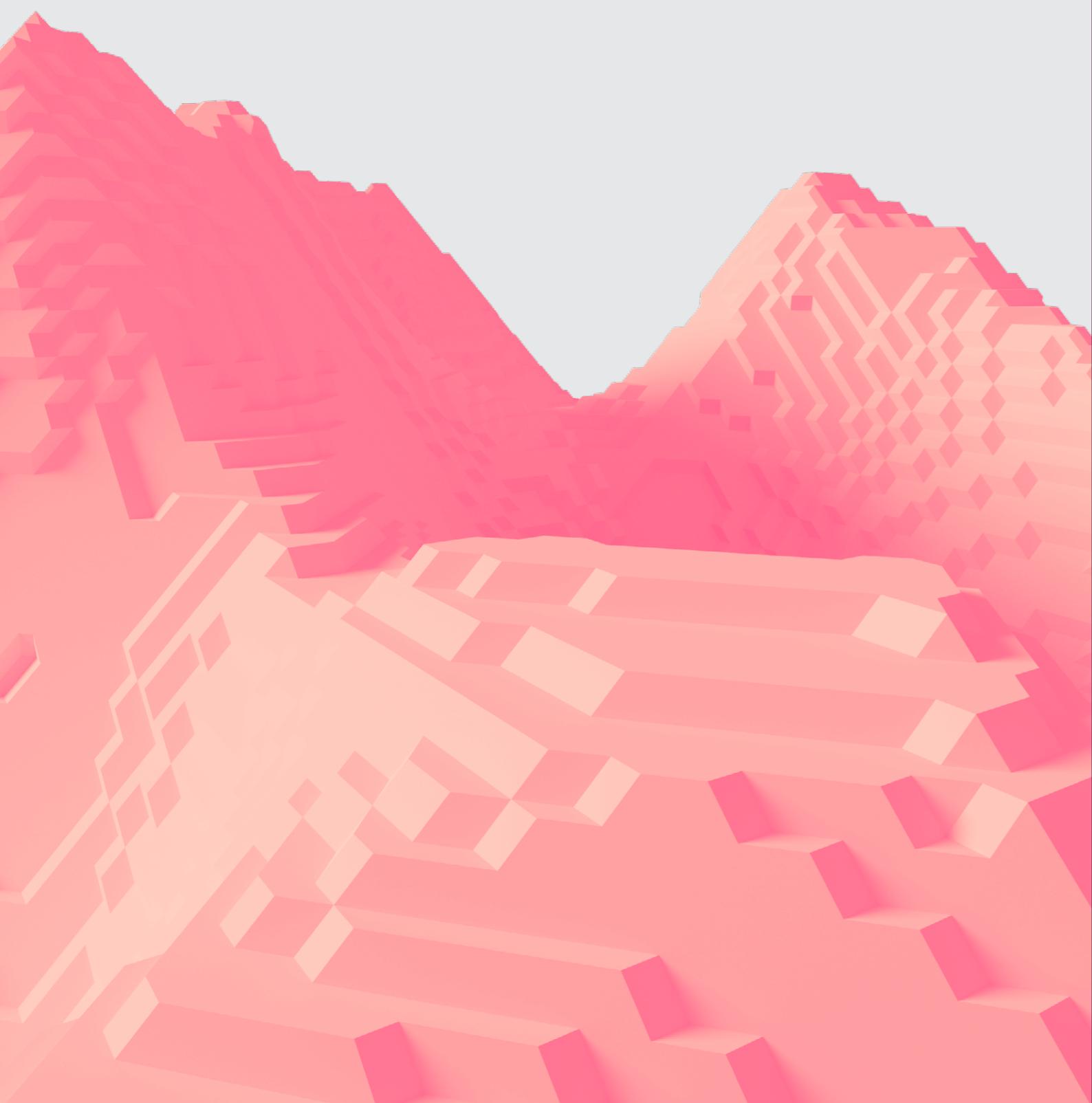
Description: Universities and research labs can share datasets for collaborative studies and AI model training.

Benefit: Facilitates cross-institutional research while ensuring data security and compliance with privacy regulations.

## Products : Fusion

The screenshot shows the QuantForge Fusion platform's user interface for exploring available assets. The left sidebar provides navigation and filtering options. The main area displays a grid of asset cards, each representing a different dataset or study. The cards include details like the publisher, a brief description, and purchase or download options.

The screenshot shows the QuantForge Fusion platform's user interface for exploring assets for the Catalyst platform. The left sidebar provides navigation and filtering options. The main area displays a grid of asset cards, each representing a different dataset or study. The cards include details like the publisher, a brief description, and classification information.



Products : Catalyst

# Catalyst

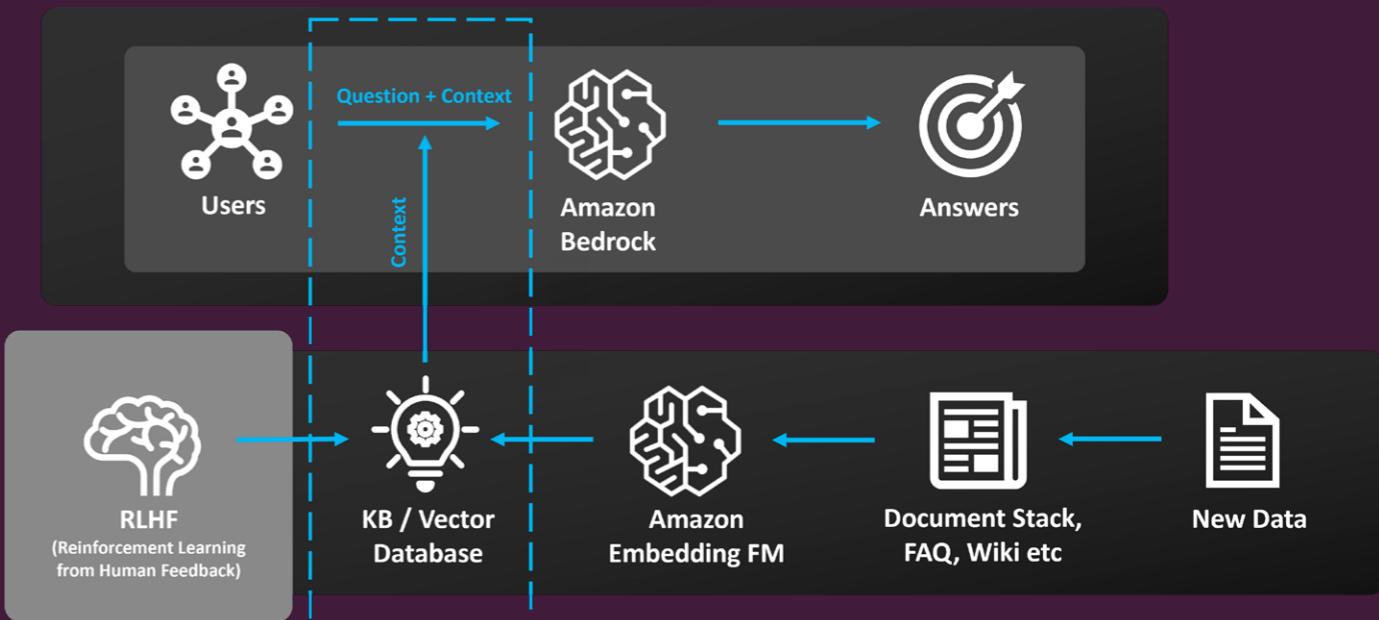
Enterprise LLM RAG - Phase 1

**Catalyst is a secure AI platform that connects to organizational data, redacts sensitive information during processing, and complies with global privacy laws.**

Catalyst is an AI RAG (Retrieval-Augmented Generation) platform designed to provide insights by connecting to organizations' data sources. It ensures data privacy by redacting PII and sensitive data before processing and restoring the original data after AI responses. Catalyst complies with various international privacy laws, making it a secure choice for enterprises worldwide.

Key Features:

1. Data Redaction: Automatic redaction of sensitive information before sending data to the LLM.
2. Reintegration: Redacted data is reintegrated by post-processing to ensure completeness and compliance.
3. Customized AI Assistants: Deploy AI assistants tailored to specific departments within your organization.
4. Cloud Integration: Seamless integration with Microsoft and Google cloud providers etc.
5. Enterprise Security: Adherence to the highest security standards, ensuring data integrity and privacy.



## Products : Catalyst

1

### Industry Applications:

#### Legal Services - Compliance with Data Privacy Regulations

Description: Automatically redact PII and sensitive data from legal documents, ensuring GDPR and CCPA compliance. Redacted documents are seamlessly reintegrated post-AI processing.

Benefit: Enhances document integrity while adhering to legal requirements, improving efficiency and accuracy in contract review, legal research, and compliance monitoring.

2

#### Procurement - Supplier Risk Assessment

Description: Redact sensitive vendor information from procurement documents, ensuring confidentiality and compliance. Reintegration of redacted documents enables comprehensive supplier risk assessments.

Benefit: Streamlines supplier evaluation and contract management processes, protecting sensitive data and mitigating supplier-related risks.

3

#### Software Sales - Efficient Security Questionnaire Management

Description: A software company can integrate Catalyst to manage security and IT questionnaires from government and enterprise clients. Catalyst connects to all relevant infosec documentation, enabling seamless collaboration among the InfoSec, Security, and Tech teams.

Benefit: This solution significantly reduces the response time for RFPs and infosec questionnaires, minimized work disruptions, and enhanced collaboration across departments, thereby expediting the sales process and reducing friction.

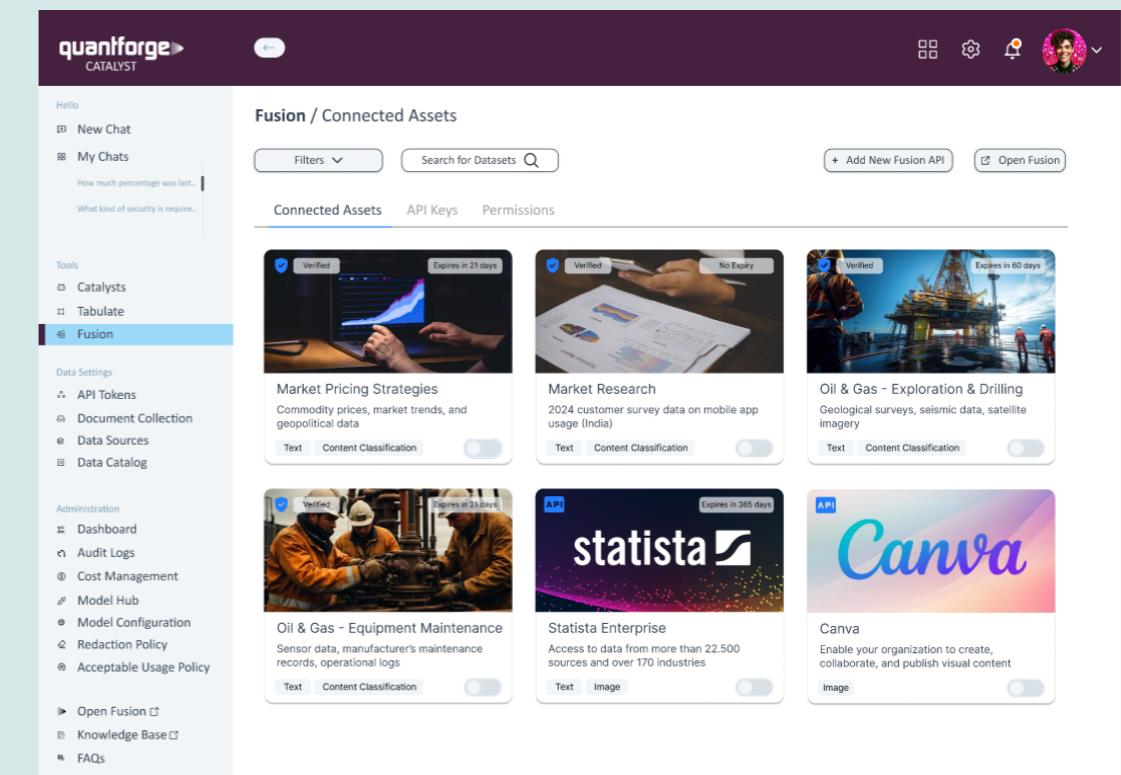
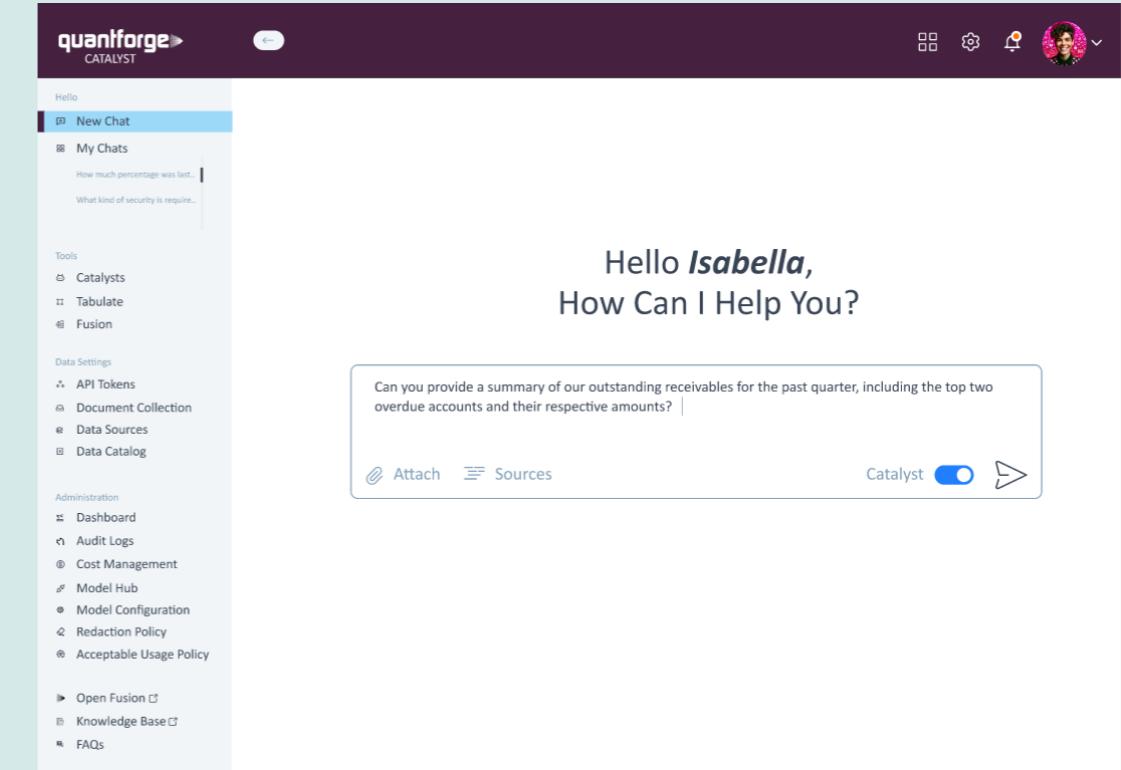
4

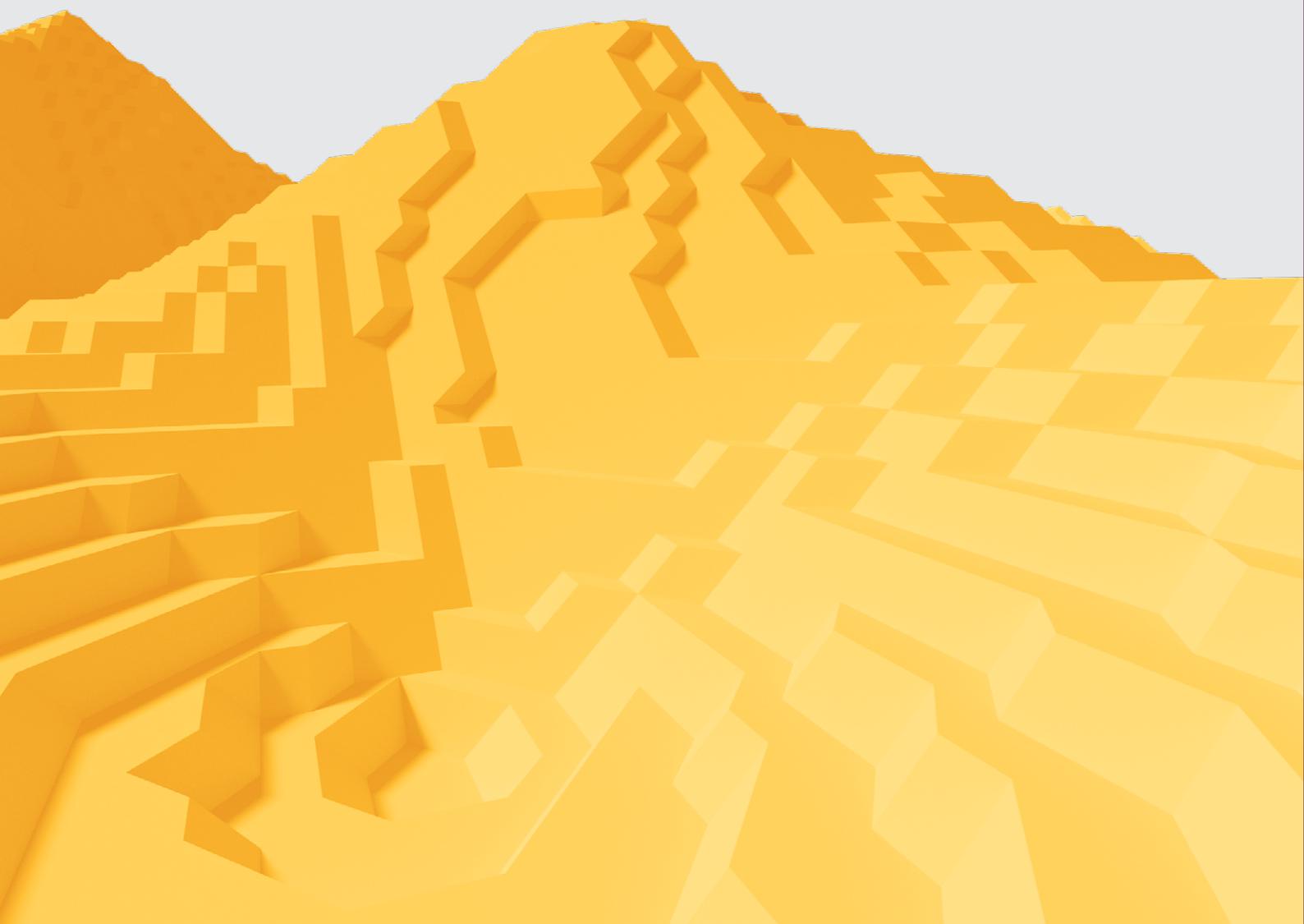
#### Financial Forecasting - Collaborative Research on Cloud

Description: An organization with extensive cloud-based data can use Catalyst to facilitate collaboration. This collaboration is streamlined by Catalyst's ability to integrate seamlessly with cloud providers and connect multiple data sources securely.

Benefit: This setup enhances inter-departmental research efficiency and data-sharing capabilities while ensuring data privacy and compliance. Additionally, integrating with Fusion allows access to more datasets, generating richer insights and accurate financial forecasts.

## Products : Catalyst





Products : Juris

# Juris

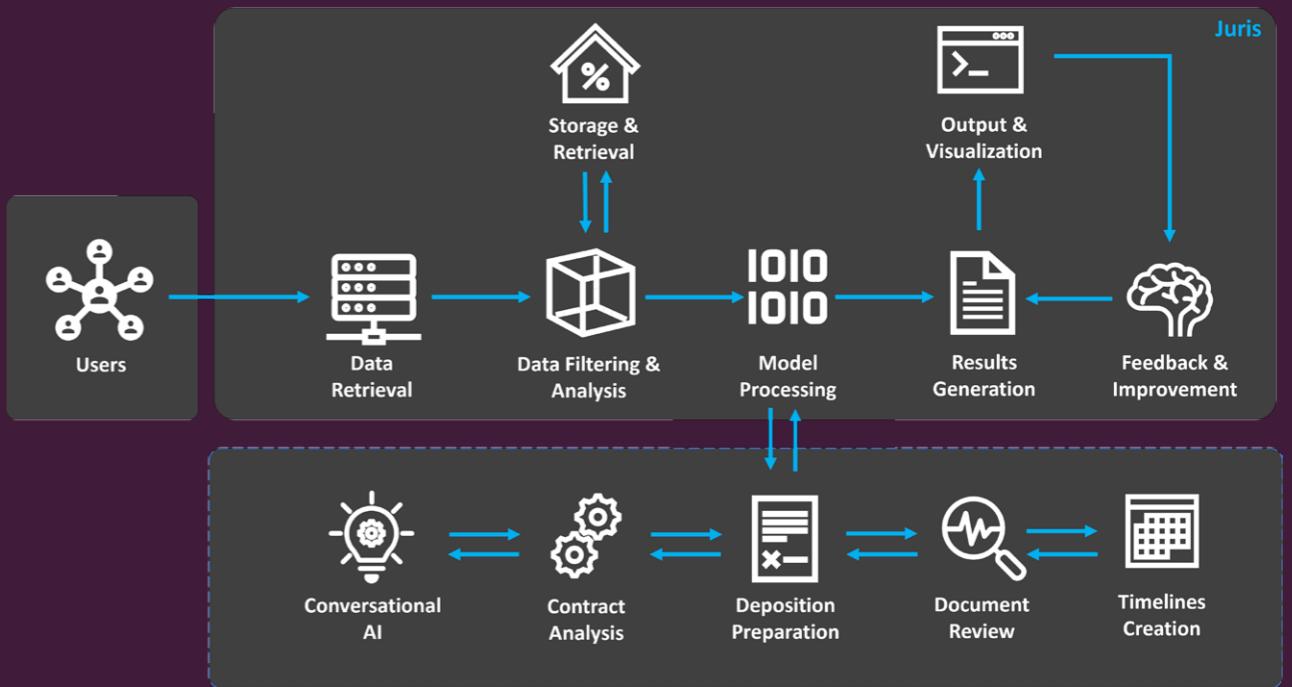
*AI for Lawyers & Law Firms - Phase 2*

**Juris helps law firms manage more cases efficiently, reduce costs, and improve service quality with comprehensive features and Fusion integration for enhanced insights.**

Using Juris ensures law firms and legal practitioners can handle more cases efficiently, reduce operational costs, and provide high-quality legal services. The comprehensive features of Juris streamline every aspect of legal work, from document review to client management, enhancing overall productivity and client satisfaction. Furthermore, Juris integrates with Fusion, allowing access to a broader range of data sources for enhanced legal insights.

## Juris / Key Features

1. Integration: Federated learning & decentralized data integration.
2. Customization: Tailorable AI assistants skilled in various legal tasks.
3. Review: Automated document review and categorization.
4. Preparation: Deposition preparation with tailored strategies and simulated environments.
5. Analysis: Contract analysis & revision for compliance and risk management.



## Products : Juris

### Industry Applications:

1

#### Contract Analysis & Management

Description: Juris automates the review, analysis, and management of contracts. The AI identifies key clauses, highlights potential risks, and suggests revisions to ensure compliance and mitigate legal exposure.

Benefit: Speeds up the contract review process, saving time for legal professionals. Reduces human errors by automatically identifying critical clauses and risks. Ensures contracts adhere to legal standards and internal policies.

2

#### Document Drafting & Summarization

Description: Juris automates the drafting of legal documents and summarization of lengthy texts, including contracts, court filings, and client communications.

Benefit: Reduces the time required to draft and review documents. Ensures uniformity in document language and format. Freed up lawyers to concentrate on more complex and strategic tasks.

3

#### Legal Research & Knowledge Management

Description: Juris enhances legal research capabilities by quickly sifting through vast legal databases and providing relevant case law, statutes, and legal precedents.

Benefit: Significantly reduces the time needed to find pertinent legal information. Improves the precision of legal research, ensuring that no critical information is missed. Provides deeper insights and analytics that inform case strategies and improve overall legal advice.

4

#### Predictive Analytics for Case Outcomes

Description: Juris uses predictive analytics to forecast the outcomes of legal cases based on historical data, previous court decisions, and key case factors.

Benefit: Helps lawyers predict case outcomes, allowing for better strategic planning. Assists in evaluating litigation risks, helping firms decide whether to pursue or settle cases. Provides clients with realistic expectations and potential outcomes, improving client trust and satisfaction.

## Products : Juris

# Business Model

Software as a Service (SaaS) & Marketplace

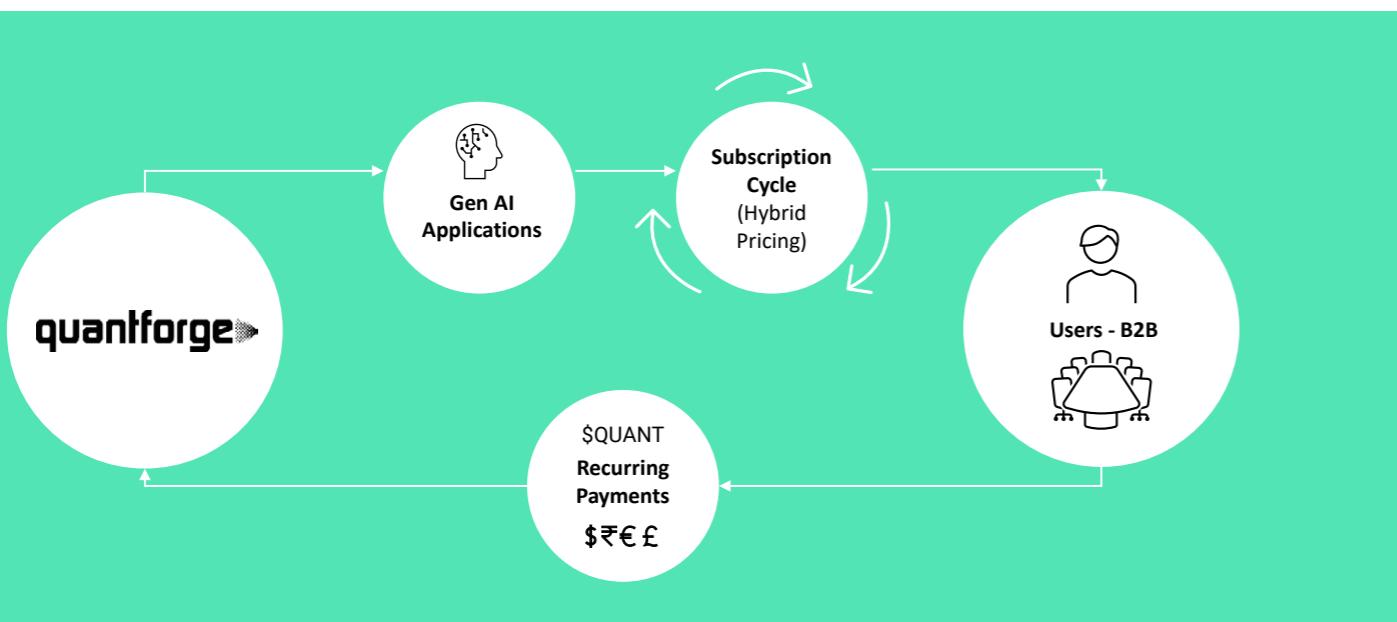
Quantforge operates on a Hybrid Software-as-a-Service (SaaS) subscription model and Marketplace, offering organizations and small to medium-sized businesses (SMBs) access to advanced AI technologies. Subscribers gain access to a wide range of tools and services within the Quantforge ecosystem to facilitate data sharing, AI model training, and AI-assisted workflows.

Transactions within the Quantforge ecosystem are conducted using \$QUANT tokens, a native cryptocurrency that serves as the primary medium of exchange. Organizations purchase datasets, computations, and AI model training services using \$QUANT tokens, ensuring a consistent demand for the cryptocurrency within the ecosystem.

Quantforge charges a transaction fee for each operation conducted on the platform. These fees help cover operational costs, maintenance, and further development of the ecosystem.

Data scientists and researchers have the opportunity to earn \$QUANT tokens by contributing their expertise to the ecosystem. This can include developing and training AI models, creating algorithms, or providing insights and analysis.

Quantforge charges a transaction fee for each operation conducted on the platform. These fees help cover operational costs, maintenance, and further development of the ecosystem.



## Core Components



### Subscription-Based Model

Tiered Subscription Plans: Multiple pricing tiers based on the features and services provided. Freemium Model: Free tier with limited features to attract new users and convert them to paying customers as they see value in the platform.



### Token-Based Transactions

\$QUANT tokens is the primary currency for transactions within the platform. This includes purchasing data, paying for AI model training, paying for edge compute, and accessing Train-to-Earn features.



### Usage-Based Pricing

Pay-per-Use: Users pay based on their actual usage of resources, such as tokens used, seats required, and data storage. Effective for attracting enterprises that prefer to scale their costs with usage.



### Partnerships and Integrations

Robust APIs to integrate with other platforms and services. For example, seamless integration with Cloud platforms, add-on data assets, etc. This strategy enhances the ecosystem and provides added value to users. Partnerships with industry leaders and complementary service providers to expand the platform's capabilities and market reach.



### Data Marketplace Monetization

Organizations can monetize their data by listing it on the Fusion marketplace. Data owners can set prices and conditions for accessing their datasets, creating a revenue stream while ensuring data privacy and security through federated learning. Users of the platform can also run Algorithms on the datasets at the data owners end.



### Customization & Consulting Services

We provide tailored AI solutions and consulting services to large enterprises that require specialized AI implementations. This could include custom model development, integration support, and training programs. Our consulting services help clients implement and optimize their AI capabilities.

# Key Differentiators

Software as a Service (SaaS)

## Seamless Integration

Easily integrate AI capabilities into existing business processes through APIs and other tools.

## Data Privacy and Compliance

Ensure compliance with stringent data privacy laws and secure data handling, exemplified by Catalyst's PII redaction and reintegration features.

## Simplicity of Usage

User-friendly interfaces and intuitive design make our solutions accessible without requiring specialized technical knowledge.

## Turnkey Enterprise AI Solutions

Ready-to-deploy AI solutions tailored to specific industry needs, providing immediate value and efficiency.

## Continuous Learning & Adaptability

Incorporate continuous feedback to improve AI models, ensuring they remain at the cutting edge of technology.

## Robust Security

Enterprise-grade security standards protect sensitive data across all our platforms, instilling trust and confidence.

## Versatility Across Industries

Solutions designed to meet the unique demands of various sectors, including healthcare, manufacturing, retail, and financial services.

## Scalability

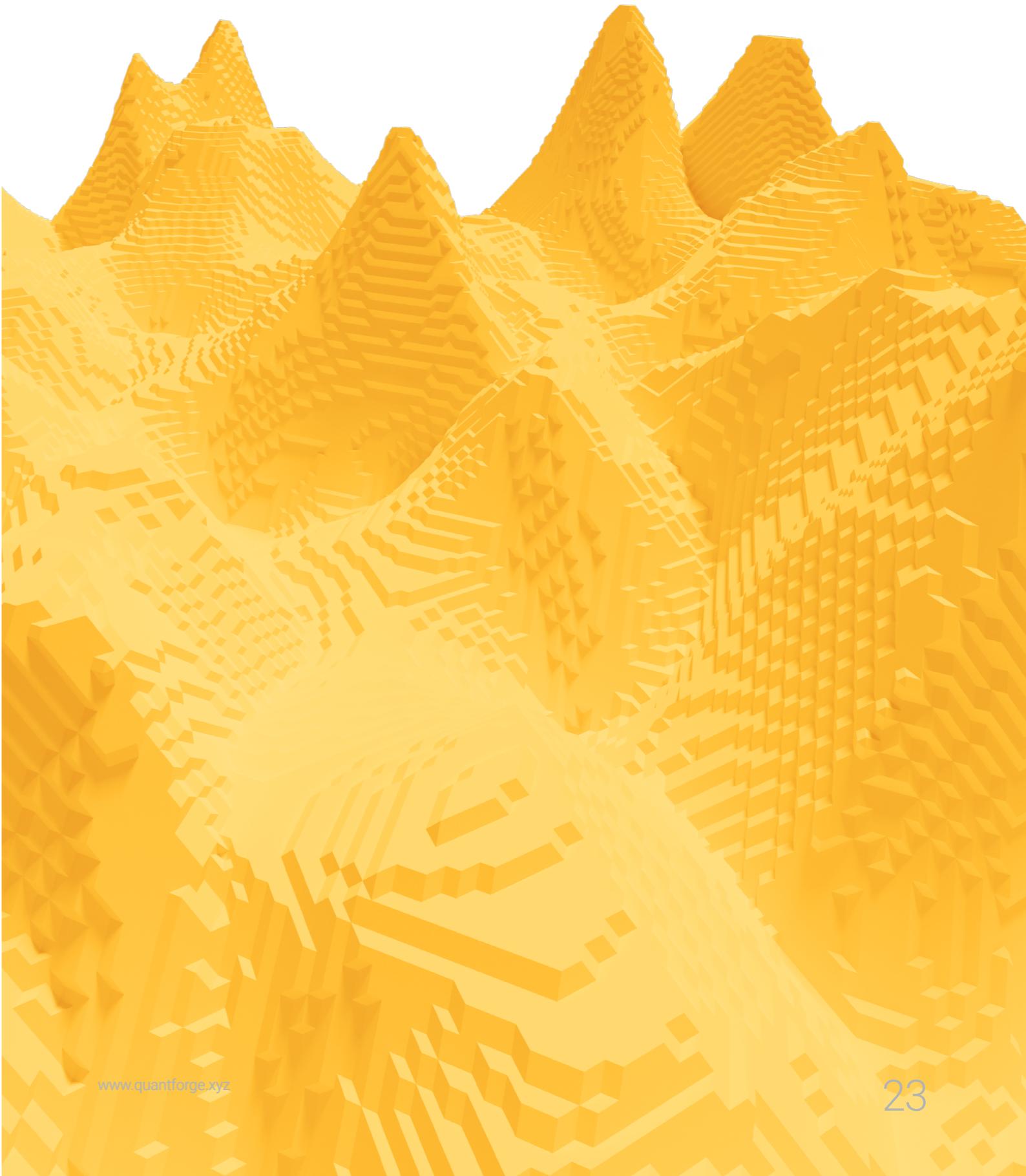
Capable of scaling to accommodate varying volumes of data and usage, ensuring consistent performance and reliability.

## Experienced Leadership

A seasoned team of experts in AI, blockchain, and design thinking, driving innovation and excellence.

## Blockchain Technology

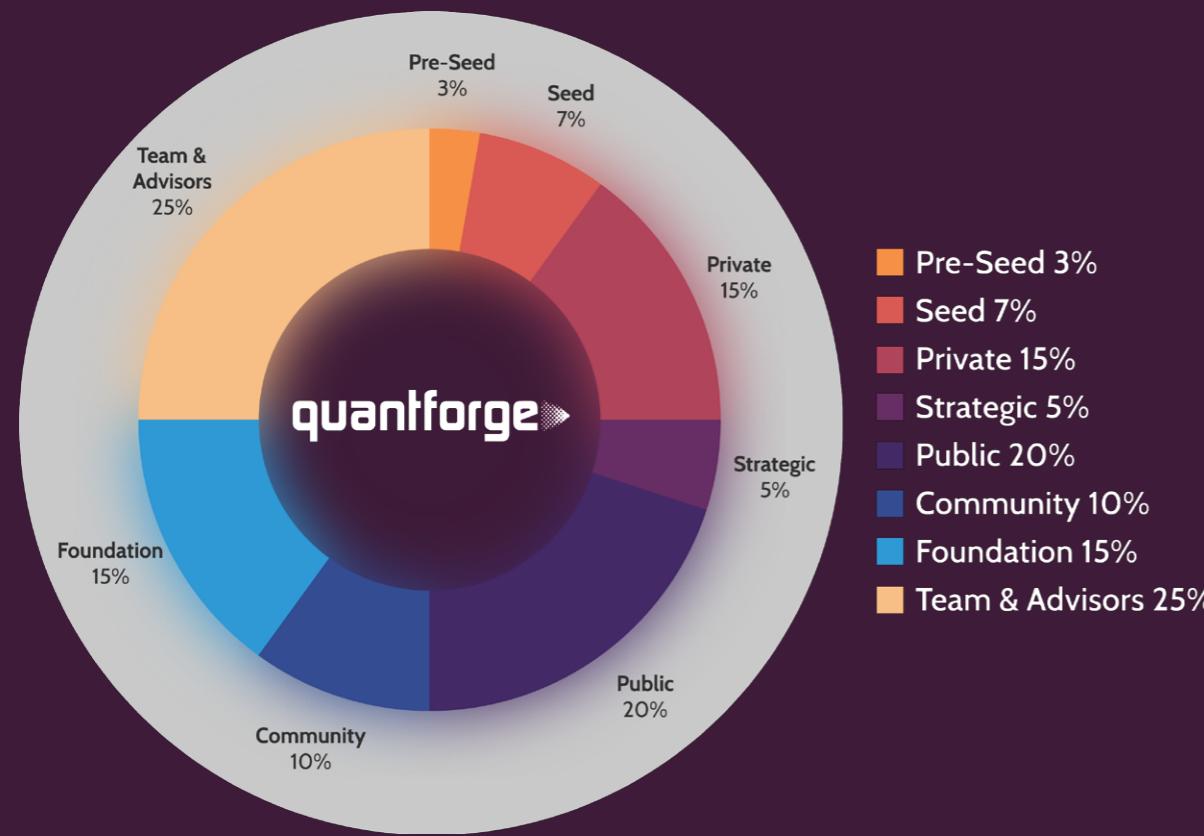
Leverage blockchain for enhanced security, transparency, and efficiency in data transactions and monetization.



# \$QUANT Utility Token

**Micro-Seed Raise : \$50,000 to \$75,000**

**1 \$QUANT = \$0.05**



1. Total Supply: 1BN / Circulating Supply 300M to 350M
2. 100% Unlock on TGE (only this Micro-Seed round)
3. Additional 1x investment amount bonus in \$QUANT
4. Bonus \$QUANT in 12 months linear vesting
5. Early access to Quantforge products
6. Any amount raised above \$75,000 will be automatically incorporated into the Pre-Seed round release schedule

## Current Round:

Segment	Total Supply in %	Cost per Token	Release Schedule + Bonus
Micro-Seed Round	A part of 3%	\$0.05	No lockup Extra 1x investment amount in \$QUANT Additional \$QUANT in 12 months linear vesting

## Later Rounds:

Segment	Total Supply in %	Cost per Token	Release Schedule
Pre-Seed Round	3%	\$0.05	9 months lock-up, linear vesting for 27 months (total vesting of 3 years)
Seed Round	7%	TBD	9 months lock-up, linear vesting for 24 months (total vesting of 2 years 9 months)
Private Round	15%	TBD	10% liquid on TGE, 6 months lockup, linear vesting for 24 months (total vesting of 2.5 years)
Strategic Investors	5%	TBD	10% liquid on TGE, 3 months lockup, linear vesting for 12 months (total vesting of 15 months)
Public Sale	20%	TBD	Option 1 – 10% liquid at TGE, 6 months lockup, 6 months linear release (total vesting 12 months) Option 2 – 3 months linear vesting
Team & Advisors	25%	n/a	12 months cliff, linear vesting for 24 months (total vesting 3 years)
Foundation	15%	n/a	10% liquid at TGE, 12 months lockup, linear vesting for 24 months (total vesting 3 years)
Community Rewards & Incentives	10%	n/a	10% liquid at TGE, 1/36 each month linear release

[Click here to go to the sale page](#)

# Team



**Nabaneet Dutta (Niku)**

Founder & CPO

*BCA, MBA Marketing, MSc Future Media Pro*

Nabaneet is a seasoned UI/UX strategist with 15 years of experience in designing and prototyping product apps interfaces. He has a strong background in UI/UX & Content Marketing and has overseen UI/UX strategy, data strategy, content, and information security for all Planet Investments & Ventures Pte Ltd portfolio companies. Niku has proven track record of delivering high-impact strategies that have significantly increased ROI for his clients.



**Todd Merrill**

CTO

*BSc, M.S. Computer Engineering*

Todd has held full corporate P&L and product development responsibilities and directed diverse international teams of Engineering Managers, Mobile Architects, Developers, Dev Ops, QA, and Customer Success professionals. Todd has served in a number of companies as the CTO including Startup, Venture Backed and Private Equity backed companies. Most recently, he has been the CTO of AirWorks (ML/Computer Vision), Engel & Voelkers Americas (Real Estate), Cforia (Payments), Trifin (healthcare) and genrae (crypto/web3).

## Advisors



**Dr. Vikas Sangwan**

Healthcare Relations



**Pallab Kakoty**

Growth Marketing



**Dr. Sarfraz Iman**

Healthcare Consultant



**Rajeev Kaushik**

International Relations

# Roadmap & Milestones

Q3 - 2024

## Ignite

- Launch an improved company website to boost user experience and engagement
- Execute go-to-market strategy focusing on key customer segments and forming strategic partnerships
- Engage with launchpads to initiate token sale
- Grow social media presence to reach a significant number of organic followers

Q1 - 2025

## Ascend

- Officially launch platform and achieve strong user adoption growth
- Hire and on-board a sales team to improve customer value and reduce acquisition costs
- Expand platform capabilities to attract enterprise clients
- Engage with investors to secure significant funding commitments
- Grow social media presence to reach a larger audience

Q4 - 2024

## Forge

- Form partnerships with cybersecurity firms
- Secure funding through token sales and investor participation and follow-up with TGE
- Establish data-sharing agreements with industry partners
- Begin MVP and marketplace development with a goal for initial user signups
- Grow social media presence to reach a larger audience

Q2 - 2025

## Amplify

- Successfully close a major funding round to scale operations and accelerate growth
- Strengthen existing partnerships and on-board new strategic partners
- Begin development of Juris to attract early adopters
- Grow social media presence to reach a significantly larger audience

# Use of Funds

**Goals:** Sell to 100 customers (GTM) within 6 months to find product-market fit

**Targeted ARR:** \$629,995 considering  $(\$167w + \$500x + \$1349y + \$1500z)$  where w=5, x=90, y=5 z=0 represents number of clients in each segment

## Funds Breakdown (Phase 1 - Fusion & Catalyst):

- Design & Development: \$250,000 to \$350,000
- Operations: \$45,000 to \$55,000
- Sales & Marketing: \$50,000 to \$100,000
- IT Infrastructure: \$15,000 to \$24,000
- Third-party API: \$15,000 to \$60,000
- Data Procurement & Data Partnerships: \$50,000 to \$100,000
- Miscellaneous Expenses: \$20,000 to \$50,000
- Contingency: 10% to 20% of estimated budget

**Total: Between \$489,500 to \$886,800**

**Customer Acquisition Channels:** Account based marketing, paid, inbound, partnerships, sales/rev ops, print

**Considering we are doing the development work in India, our costs would be quite low comparatively**

# Get Involved!

Quantforge is at the forefront of revolutionizing AI and data monetization through the power of blockchain technology. Our suite of products – Fusion, Catalyst, and Juris – are designed to provide unparalleled security, efficiency, and transparency in data sharing, AI model training, and insights generation.

Fusion's decentralized data marketplace enables organizations to securely monetize their data, driving innovation while maintaining stringent privacy standards. Catalyst's enterprise AI RAG platform ensures seamless integration and compliance with privacy regulations, empowering businesses across various sectors to leverage AI for enhanced decision-making and operational efficiency.

Juris, with its comprehensive suite of tools, revolutionizes the way lawyers and law firms operate by streamlining legal research, case analysis, and document management. Its advanced AI algorithms save practitioners significant time, enabling them to make well-informed decisions swiftly. Juris can also assist paralegals and legal researchers by automating repetitive tasks, enhancing accuracy, and ensuring compliance.

Our commitment to continuous learning and adaptability ensures that our solutions remain at the cutting edge of technology, constantly evolving to meet the needs of a dynamic market. With a seasoned team and a clear, ambitious roadmap, Quantforge is not just prepared to lead but to define the future of AI and blockchain innovation.

Investing in Quantforge means backing a visionary company that is set to make a significant impact across multiple industries. We invite you to join us on this exciting journey as we unlock new possibilities and drive the next wave of technological advancement. Together, we can transform the landscape of data monetization and AI, delivering outstanding value to our stakeholders and shaping a smarter, more connected world.

A large, abstract graphic at the bottom of the page features a landscape of red and orange 3D blocks or cubes, resembling a mountain range or digital terrain. The blocks are arranged in a perspective that leads towards the center of the frame. The background behind the blocks is a light gray gradient.

[www.quantforge.xyz](http://www.quantforge.xyz)  
[info@quantforge.xyz](mailto:info@quantforge.xyz)

QUANTFORGE IS A PART OF MODE GLOBALE LTD, REGISTERED IN ENGLAND AND WALES  
WITH COMPANY NUMBER 12222356