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Organized Students Council Framework 2019

ANOKHA  
2025

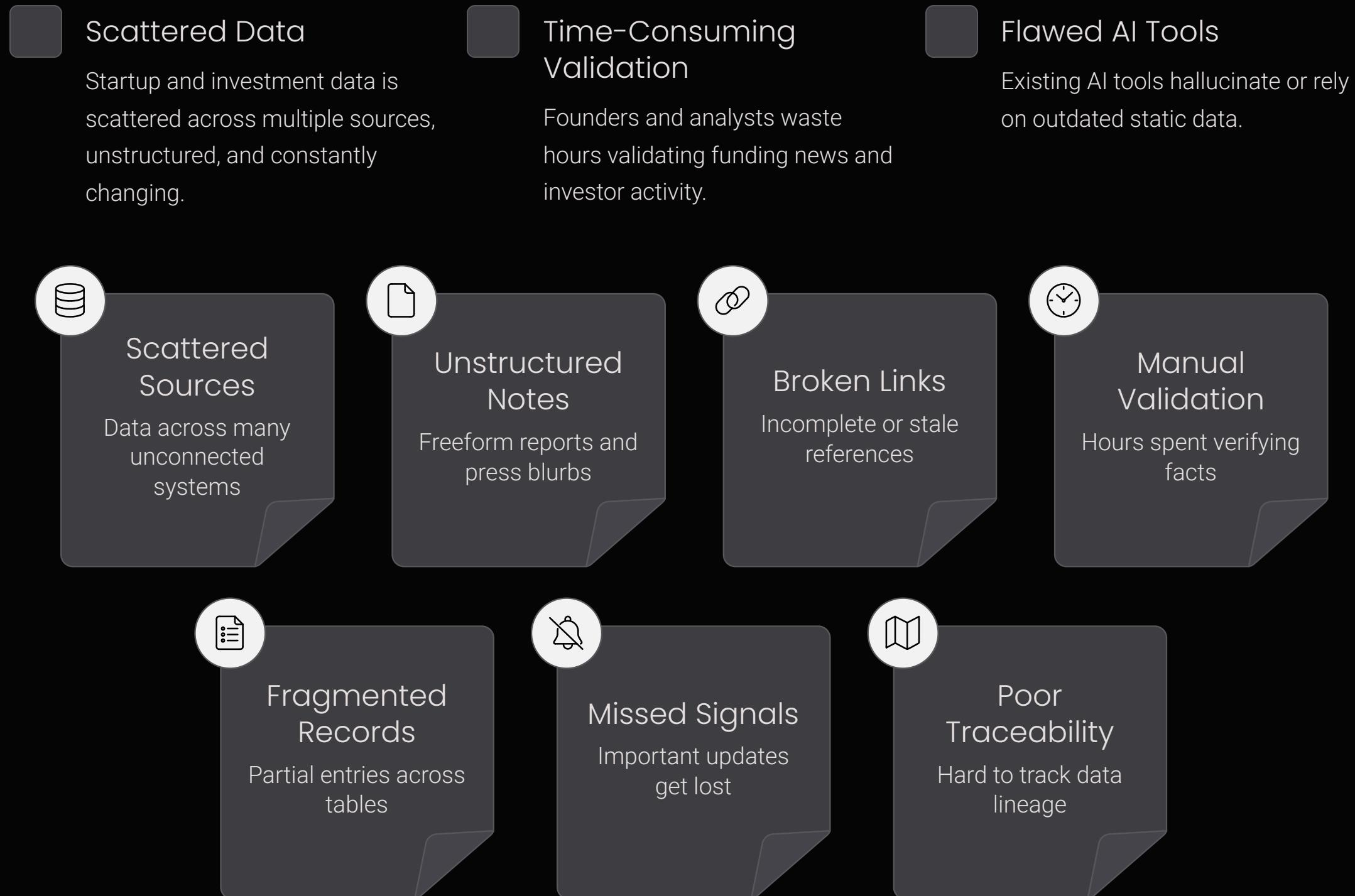


# Agentic RAG-Powered Investment Intelligence Platform

## Transforming Fragmented Data into Trustworthy Intelligence

Team: Bournvita | Leader: Ishwarya M | Track: Generative AI

# The Problem: Fragmented Investment Data





# Why Existing Solutions Fall Short



Search-first platforms

Require manual interpretation and validation



Static databases

Become outdated quickly, missing real-time opportunities



AI chatbots

Lack verifiable grounding and citations, prone to hallucinations

# Our Solution: Agentic RAG Investment Intelligence

An autonomous AI analyst that continuously learns and verifies

## Autonomous AI Analyst

Behaves like an autonomous AI analyst with reasoning and decision-making

## Continuous Verification

Continuously retrieves, verifies, expands, and reasons over real-world data

## Grounded Intelligence

Delivers grounded, explainable intelligence with full source attribution

### Refined Intelligence

Validated insights

### Central AI Agent

Autonomous analyst core

### Processing & Verification

Continuous retrieval & check

### Agentic RAG

### Real-time Web Feeds

Live market signals

### External Documents

Reports and filings



# What Sets Us Apart

Our platform leverages advanced AI to provide unparalleled investment intelligence, ensuring accuracy, transparency, and continuous learning.



## Knowledge Expansion

Not static retrieval, continuously discovers new insights.



## Zero Hallucination Guarantee

No answer without evidence, ensuring verifiable accuracy.



## Full Transparency

With citations and confidence scores for every piece of intelligence.

# Why Investors Should Care



Self-expanding agentic RAG system

Grows smarter without manual intervention.



Zero-hallucination design

Trustworthy outputs for critical decisions.



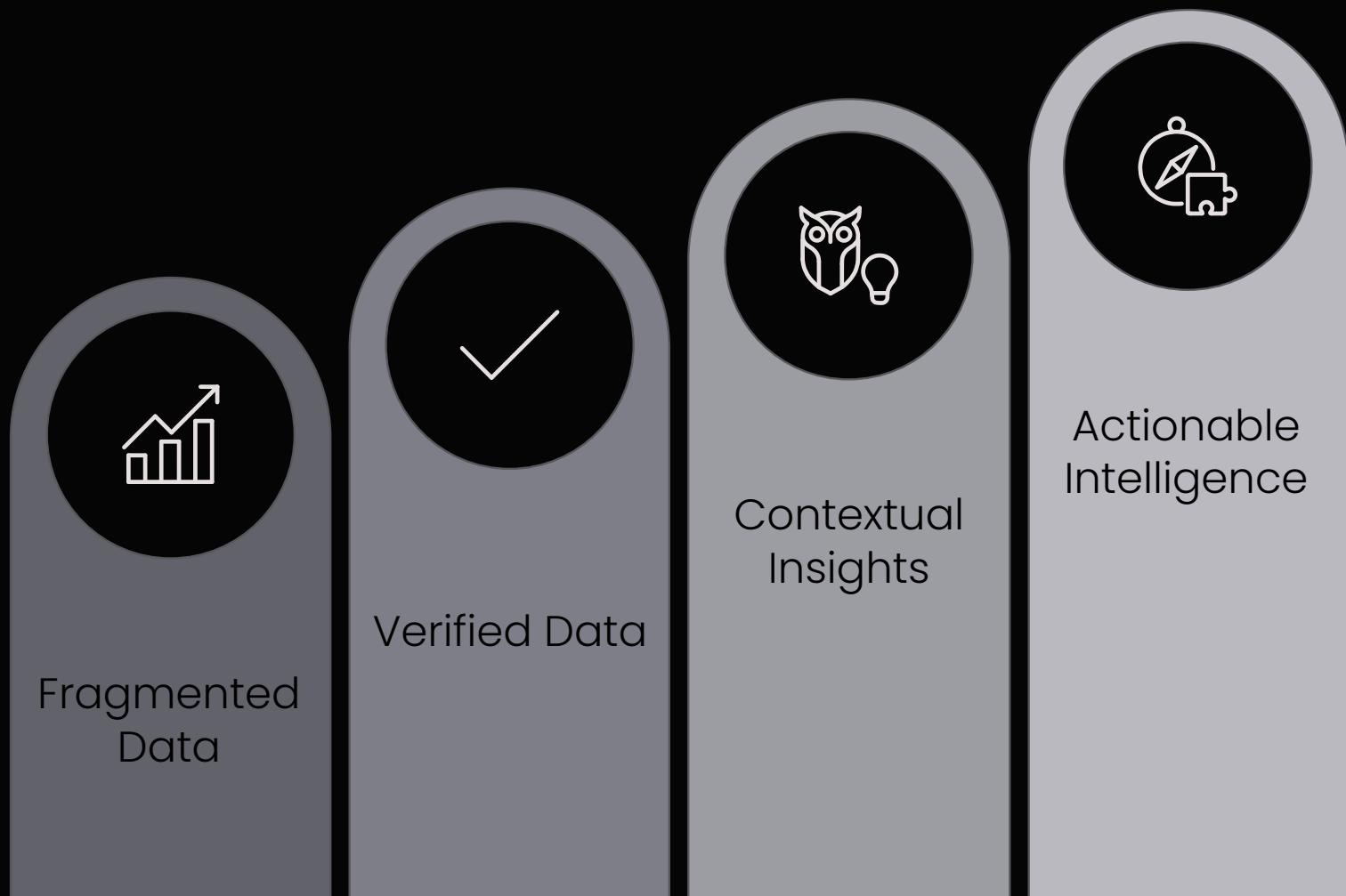
Continuous knowledge updates

Always current, without manual ingestion.



Explainable, trustworthy AI outputs

Full auditability and transparency.



# Feature Set: Knowledge & Discovery Engine



Agentic RAG Knowledge Engine

Core intelligent system



Knowledge Gap Detection

Identifies missing information automatically



Trusted Source Discovery

Finds and validates authoritative sources



Automated Content Ingestion

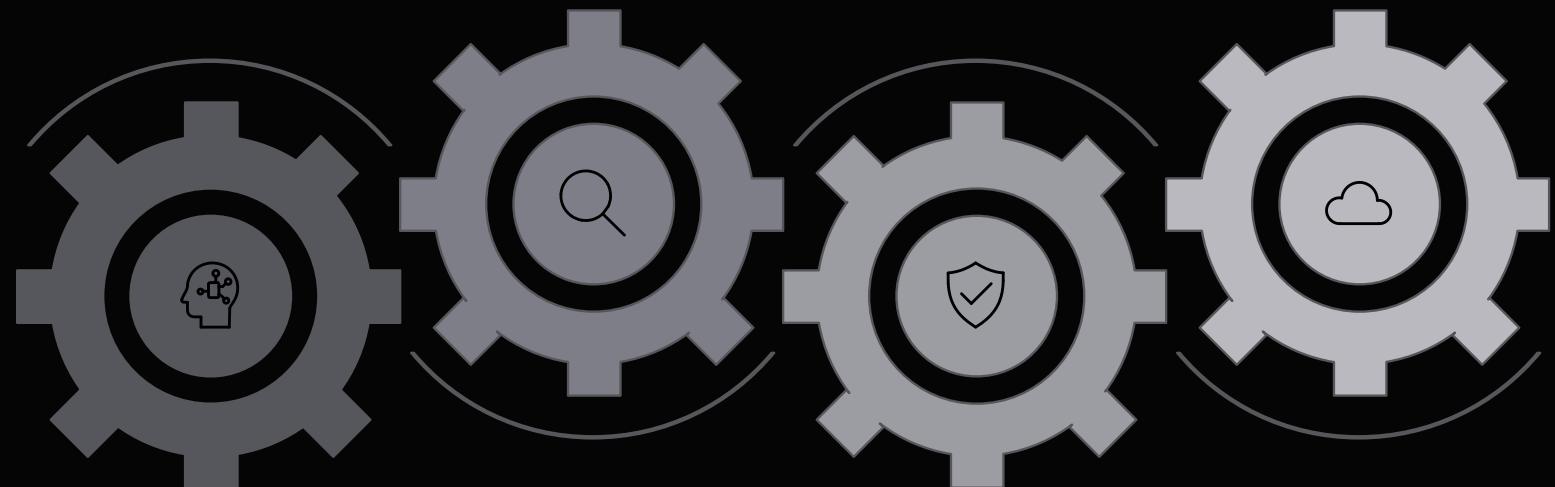
Scraping, chunking, embedding, and continuous updates

## Knowledge Gap Detection

Automatically finds missing information

## Automated Ingestion

Continuously ingests content at scale



## Agentic RAG Engine

Core intelligent knowledge system

## Trusted Source Discovery

Finds and validates authoritative sources

# Core Intelligence Capabilities



## Citation-backed answer generation

Every answer has verifiable sources for full transparency.



## Context-aware multi-document reasoning

Synthesizes information across diverse sources for comprehensive insights.



## Confidence-aware responses

Indicates certainty levels, guiding decision-making with clarity.



## Metadata-driven filtering

Enables precise filtering by domain, stage, geography, and time.

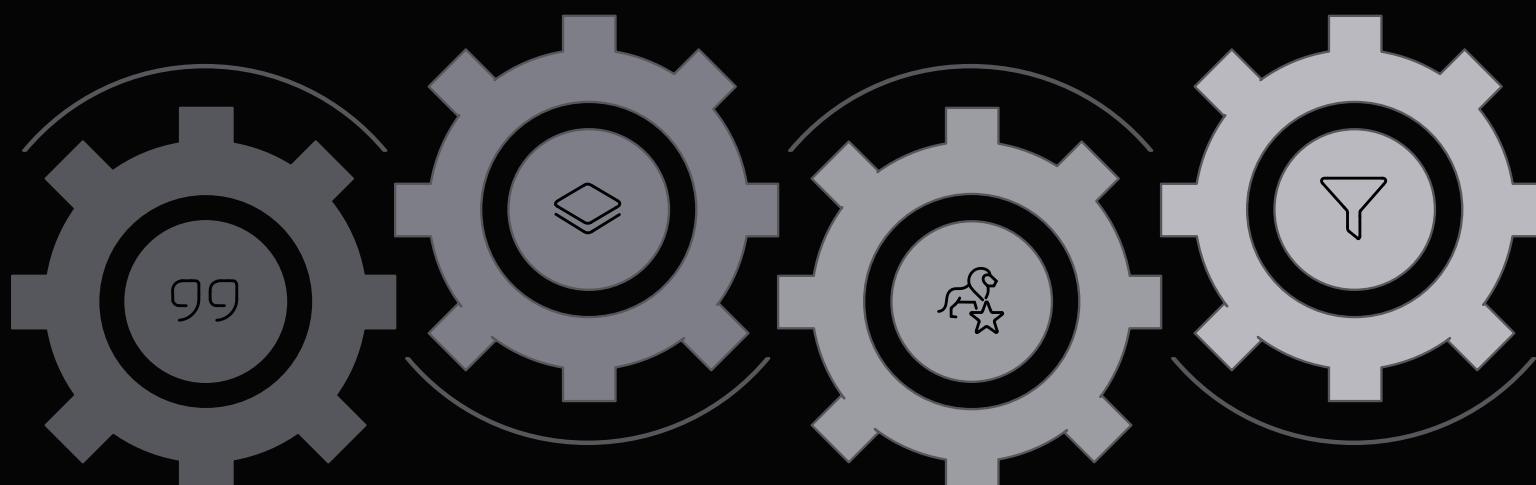
Our platform integrates these capabilities to ensure robust, reliable, and intelligent investment analysis.

### Context-aware Reasoning

Synthesizes across multiple documents

### Metadata-driven Filtering

Refines results using metadata



### Citation-backed Answers

Answers include verifiable sources

### Confidence-aware Responses

Signals certainty and uncertainty

# How It Works: The Agentic RAG Process

## From raw data to trustworthy intelligence

**Data Ingestion**  
Scraping, chunking, embedding of diverse data sources.

**RAG-based Reasoning**  
Grounded output with verifiable citations.



### Vector Storage

Secure, indexed knowledge base for efficient retrieval.

### User Query

Investment intelligence request from the user.

### Agentic Expansion

Autonomous knowledge discovery if needed.



# Technology Stack: Powering Intelligence

Our platform is built upon a cutting-edge, enterprise-grade AI stack, leveraging the latest advancements to deliver unparalleled investment intelligence.



Large Language Model: Google Gemini  
Advanced reasoning and generation



Embedding Model: Google Embeddings  
Semantic understanding



Retrieval-Augmented Generation (RAG)  
Grounded knowledge retrieval



Agentic AI Architecture  
Autonomous decision-making and exploration

# Infrastructure & Orchestration

Our robust infrastructure is designed for scalability, reliability, and autonomous operation, ensuring continuous, high-quality investment intelligence.

## Vector Database: Pinecone

Scalable, high-performance knowledge storage

## Python-based Agent Orchestration Layer

Intelligent workflow management

## Web Search and Scraping Tools

Autonomous discovery and data collection

Vector Database  
Pinecone for scalable knowledge storage

Intelligent Workflow  
Orchestration  
Robust automated infrastructure for continuous intelligence

Python Agent Layer  
Reliable intelligent workflow management

Web Search &  
Scraping  
Autonomous data collection tools



# Trust, Control & Reliability

## Built for mission-critical investment decisions



Evidence-only generation  
No speculative outputs



Source traceability  
Full audit trail of all information



Explicit confidence  
indicators  
Clear certainty levels



No hallucinations  
Verifiable, grounded intelligence

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Evidence-only  
No speculative outputs

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Source traceability  
Full audit trail

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Confidence  
indicators  
Clear certainty levels



No hallucinations  
Verified factual responses

# Real-World Applications

Our platform empowers various stakeholders in the investment ecosystem by transforming fragmented data into actionable intelligence across diverse scenarios.



## Startup Founders

Identifying aligned investors to find perfect investor matches



## Investment Analysts

Scouting opportunities and discovering emerging trends



## Ecosystem Researchers

Understanding market dynamics and patterns

### Diverse Value Proposition



**Founders**  
Identify aligned investors



**Analysts**  
Scout investment opportunities



**Researchers**  
Trend and ecosystem analysis



# The Future of Investment Intelligence

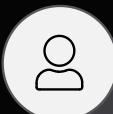
Our journey through the Intelligence Platform highlights a clear path forward, transforming the landscape of investment analysis with advanced AI.

- Agentic RAG transforms fragmented data into trustworthy intelligence - solving the core problem
- Production-grade AI for real-world investment decision-making - ready for market impact

Let's revolutionize investment intelligence together.



# Thank You



Team  
Bournvita



Leader  
Ishwarya M



Track  
Generative AI

**Empowering smarter investment decisions, together.**