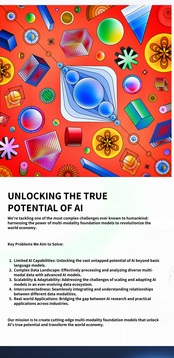
AGORA

Advancing Humanity with Open Source Multi-Modality AI Research.



DATA IS MESSY

In today's world, information is generated and consumed in a multifaceted manner, encompassing text, images, audio, video, and more.

This chaotic landscape presents an unimaginable opportunity for AI to unlock its true potential.

UNLOCKING THE TRUE POTENTIAL OF AI

We're tackling one of the most complex challenges ever known to humankind: harnessing the power of multi-modality foundation models to revolutionize the world economy.

Key Problems We Aim to Solve:

1. **Limited AI Capabilities:** Unlocking the vast untapped potential of AI beyond basic language models.
2. **Complex Data Landscape:** Effectively processing and analyzing diverse multi-modal data for enhanced insights.
3. **Scalability & Adaptability:** Addressing the challenges of scaling and adapting AI models in an ever-evolving data ecosystem.
4. **Interpretability & Explainability:** Improving trust and understanding relationships between different data modalities.
5. **Real-world Applications:** Bridging the gap between AI research and practical applications across industries.

Our mission is to create cutting-edge multi-modality foundation models that unlock AI's true potential and transform the world economy.

According to a report from McKinsey Global Institute, generative AI has the potential to add up to $4.4 trillion of value to the global economy annually.

100,000,000,000,000$

The economic value that Multi-Modality AI will create within the next 25 years.

In the realm of opportunities, Multi-Modality AI stands as the most transformative and momentous investment humans could ever make.

Introducing Agora,

The strength of an network is in the number of nodes exchanging information within the network and with this in mind we've set out to create the world's most effective open source AI research organization by integrating millions of developers into our research projects.

Our Master Plan is quite simple:

- **Initiate Projects** with potential for massive impact like creating new Foundation Models, Platforms, and Infrastructure.
- **Collaborate** with enterprises and individuals on solving their most pressing obstacles.
- **Research, Create, Refine, and Deploy:** Transform extremely experimental research into seamless and delightful experiences that customers love.

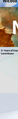
Active Projects

We have 30+ Active Projects with the most potentially impactful being the following projects listed. Our current research directions includes advancing Multi-Modality AI Reasoning, Understanding, and capabilities through multi-modality generation.

Andromeda

AI Foun Language Action Transformer (Large scale multi-modal multi-task foundation model inspired by Deepmind's Gato & PaLM-E Technique)

PALM-E



An implementation of Google's PaLM-E multi-modal vision language model, in PyTorch

Kosmos-1

A new foundation model for multi-modal perception and world modeling

Sparrow

10,000+ Active Users

Team

Apparent 1200+ world class researchers and engineers from Google, Berkeley, Stanford, Meta, Google, and other world renowned AI organizations all working as one.

Here are the most consistent contributors

Kye Gomez

- Has Created 1000s of AI Models on Pypi and GitHub
- Skilled and Awesome at Cross Functional Collaboration
- Leader of Agora

Nicolas Mondal

- Has Contributed Hundreds of Hours to Agora

Eytan

- Leader of Agora
- Has Contributed Hundreds of Hours to Agora
- Has Been Instrumental in Agora's Growth and Success

Kraior

- Contributes Hundreds of Hours to Agora
- Leader of Agora
- Skilled at Cross Functional Collaboration
- Leader in Agora's Growth and Success

Market

The advent of multi-modality AI models like Kosmos-1, capable of processing images, text, audio, and sensory inputs, is set to transform various industries with pragmatic and profitable use cases.

By harnessing the power of these advanced models, we can unlock new opportunities in planetary security, agriculture, and personal productivity, driving significant return on investment (ROI)

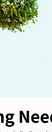
Planetary Security

- Real-time threat detection and analysis across multiple data streams for enhanced surveillance and situational awareness.
- Improved accuracy in identifying and tracking potential threats, minimizing false positives and negatives.
- Seamless integration with existing security systems and infrastructure, ensuring compatibility and ease of adoption.
- Advanced predictive analytics to anticipate and mitigate potential threats, enhancing overall security posture.
- Scalable solutions that can be deployed across various environments, from small facilities to large-scale infrastructure networks.
- Collaborative platform that enables seamless information sharing and coordination among different agencies and stakeholders, enhancing overall security effectiveness.
- Customizable dashboards and reporting tools that provide actionable insights and facilitate decision-making for security personnel and stakeholders.
- Continuous learning and adaptation capabilities to stay ahead of evolving threats and maintain high-performance levels in dynamic environments.

Agriculture

- Precision agriculture and resource allocation to optimize crop yields and sustainability.
- Potential for a large-scale impact on global food production, addressing food security challenges and supporting sustainable farming practices.
- Leveraging multi-modal data from various sources, including satellite imagery, weather data, and sensor readings, to provide comprehensive insights for farmers.
- Customizable solutions that can be tailored to specific crops, regions, and farming practices, maximizing relevance and effectiveness.
- Collaborative platform that enables farmers, researchers, and agricultural experts to share knowledge and insights, fostering a culture of innovation and collaboration that will drive our mission forward.

Personal Productivity



- Automated browser workflows through Minerva, our proprietary web navigation model, leveraging multi-modal capabilities to understand and interact with complex web interfaces, positioning us for subscription revenue.
- Seamless integration with popular productivity tools and platforms, ensuring ease of adoption and minimal disruption to existing workflows.
- Continuous learning and adaptation capabilities to stay ahead of evolving user needs and preferences, maintaining high-performance levels in dynamic environments.

EXPERIMENTAL RESEARCH MADE SEAMLESS

We transform extremely experimental research into seamless and intuitive experiences through fluid interfaces.

We're devoted to providing a service unprecedented for the paid customers of our active research projects.

How We're Different.

We're an open source dual Research-Product AI Organization, we build open source software with people everywhere then create delightful and profitable products

Simplicity

- We're devoted to democratizing the most cutting edge AI Research into products and services everyday people and enterprises can use effortlessly.

Multi-Modality

- We're devoted to creating the next generation of Multi-Modal Foundation Models and Multi-Modal Infrastructure

Open-Source

- We open source everything and work hand in hand with the community at all steps of an active project journey.

5 Super Intelligent Foundation Models Democratized.

We create our foundation models from scratch, refine them open source and then craft delightful and pleasant paid products and services for everyday people and enterprises.

Embodied Multi-Modality
Kosmos-1

Embodied Multi-Modal
PALM-E

Text to Video
StarLight

Anything to Anything
CELESTIAL

Our First Language Model
Andromeda

Business Models.

Our approach is designed to cater to a diverse range of customers, ensuring that our innovative technology reaches every corner of the market. We have identified four primary pathways to profitability:

1. **Consumer Subscriptions:** Our platform, "The Nucleus," offers users access to our AI-integrated tools powered by our Multi-Modality AI. Through a subscription model, we provide enhanced functionality, personalized experiences, and ongoing updates to our AI-driven offerings.
2. **Enterprise Licensing:** We plan to license our Foundation Models to businesses, the potential of our Multi-Modality AI models, by offering usage-based pricing and customizable solutions that integrate seamlessly into existing workflows and enhance user applications, driving innovation across industries.
3. **Strategic Partnerships:** We will collaborate with leading technology companies to provide dedicated capacity to run Agora's Multi-Modality AI models. Through these partnerships, we aim to leverage shared resources and expertise, accelerating our research and development efforts while ensuring robust support for our AI infrastructure.
4. **Marketplace Integration:** Our Multi-Modal Workflow Client, our commercialized version of our open source workflow framework, will be integrated into our platform, "The Nucleus." By offering a subscription model, we provide organizations to streamline their operations and unlock new levels of productivity.

Funding Needs.

Our funding needs are strategically allocated to three critical areas, ensuring that we have the resources to create a lasting impact:

1. **Computing Resources:** The development and refinement of our cutting-edge Multi-Modality AI technology require substantial computing power. By allocating funds to computing resources, we can expedite our research, accelerate our research, optimize our models, and stay ahead of the curve in this rapidly evolving field.
2. **Talent Acquisition:** Our team is our greatest asset is our people. To bring our vision to life, we need to assemble a dedicated team of the brightest minds in AI research and engineering. We are committed to attracting and retaining a culture of innovation and collaboration that will drive our mission forward.
3. **Marketing and Outreach:** To ensure that Multi-Modality AI reaches its full potential, we must effectively communicate its value and capabilities to the world. We will allocate funds to marketing and outreach initiatives that will enable us to engage with our target audience, build strong partnerships, and ultimately, drive adoption of our groundbreaking technology worldwide.