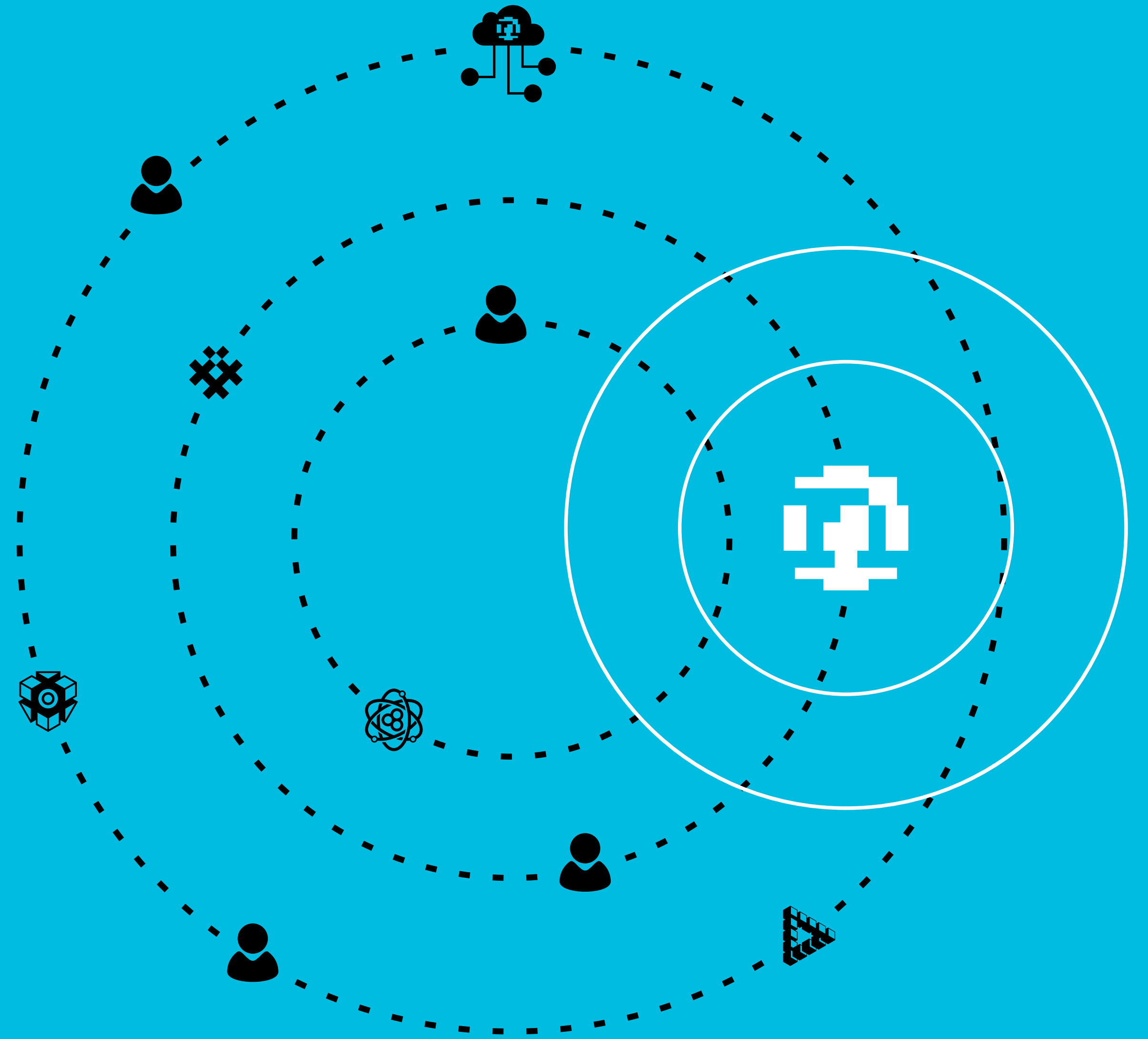


Your Augmented Intelligence Studio

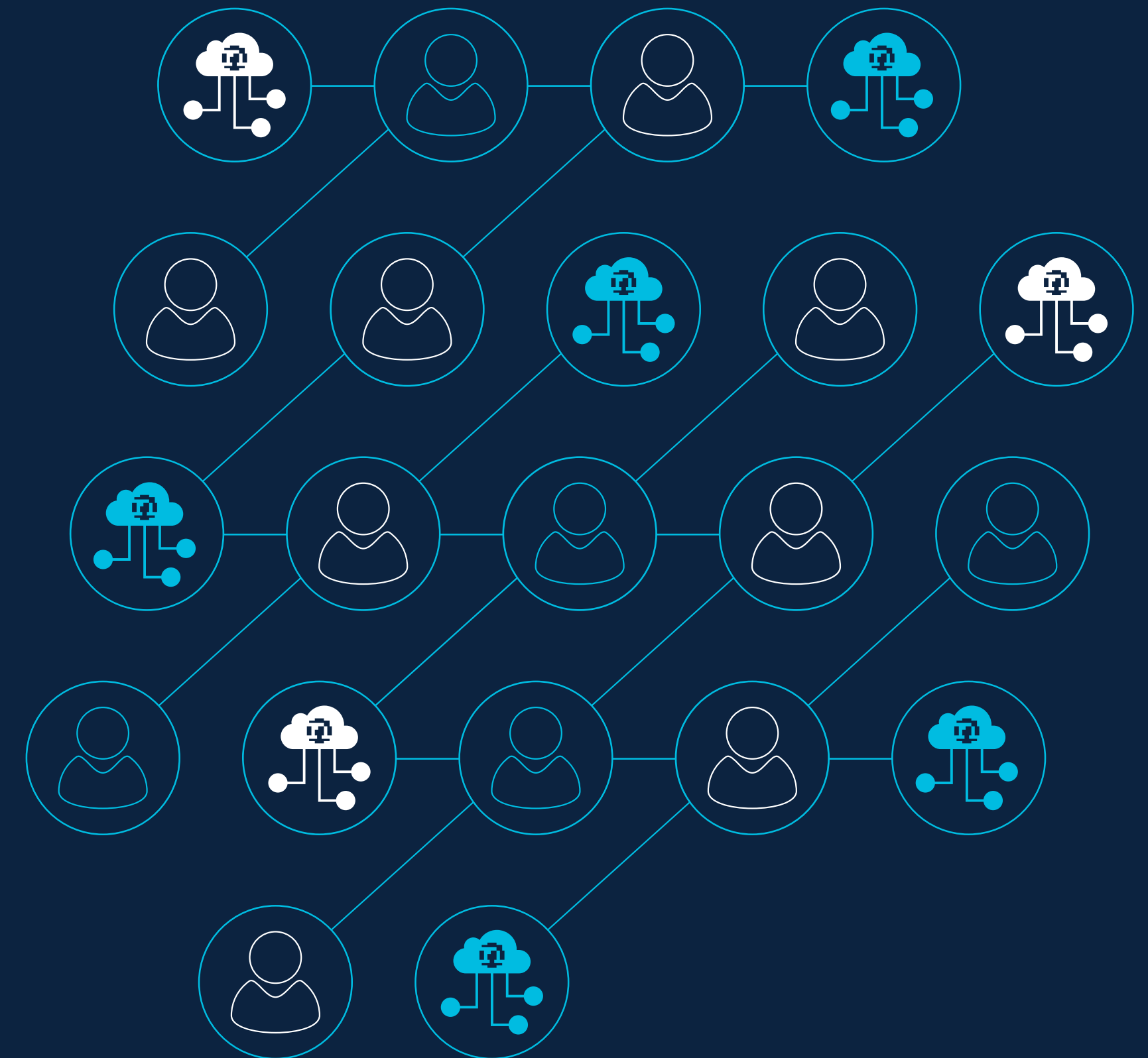
nebuli.com | @nebuli

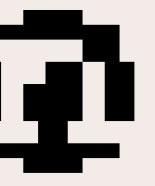




Innovation-as-a-Service

Nebuli is an independent, employee-owned deeptech company of scientists, designers, engineers, and psychologists with a mission to augment human abilities by eliminating harmful and biased algorithms plaguing the digital world — one innovation at a time.



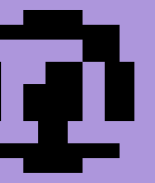


We Deliver Data-driven Innovations

Decision-makers, teams and communities across industries rely on Nebuli's expertise in evolving human habits, human-machine symbiosis, emerging consumer trends, and actionable digital ethics.

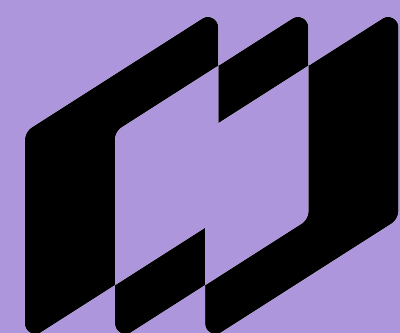
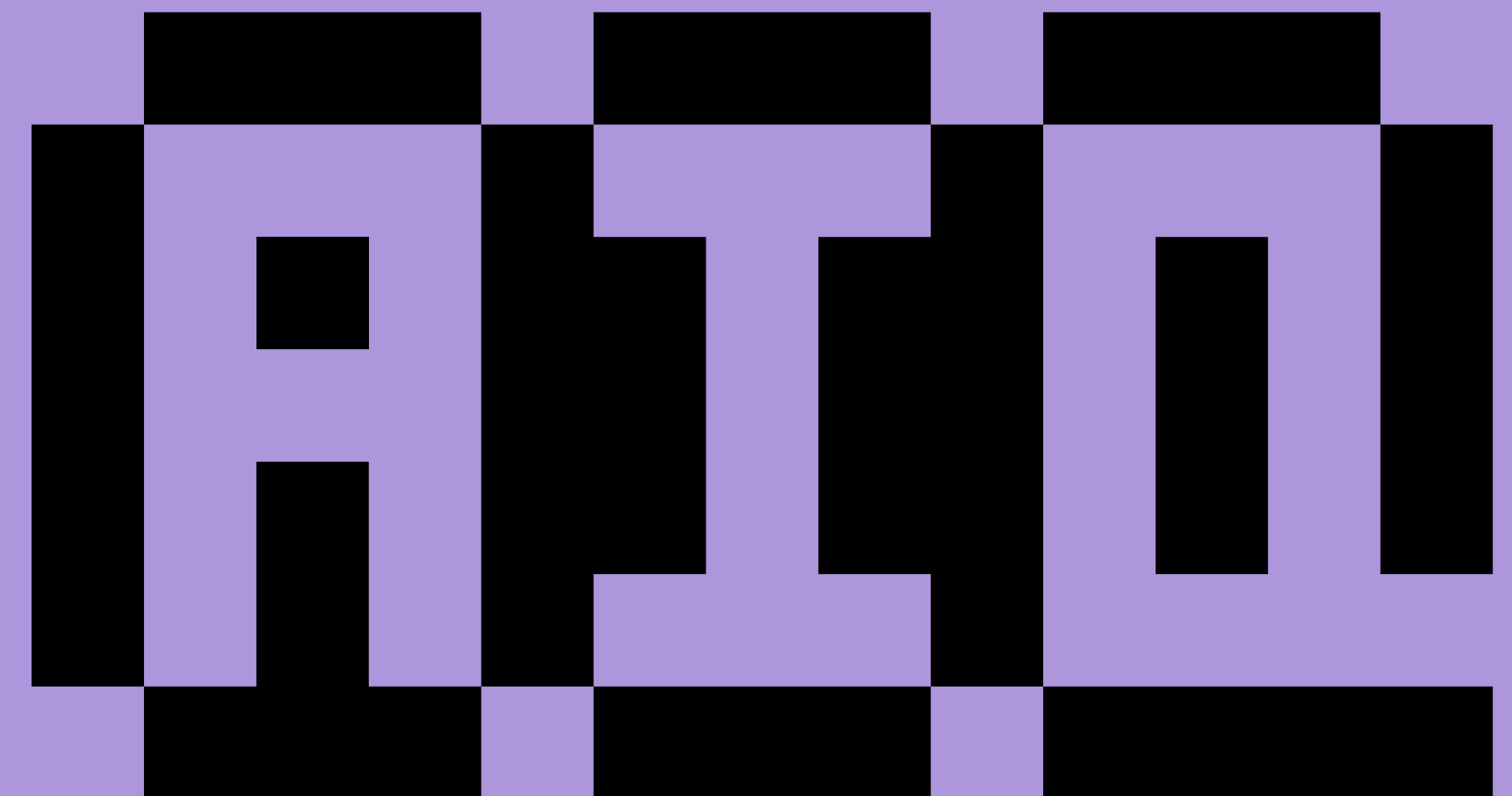
- Focus on what matters (no hype)
- Make better decisions
- De-risk investments and maximise ROI
- Achieve faster results
- Change behaviours of entire verticals





Augmented Intelligence Quotient (AIQ): Cited and Expert-driven Large Language Models.

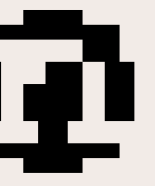
Nebuli's AIQ (pronounced "IQ") offers fully referenced, domain-specific large language models (LLMs) to help teams deploy responsible AI and smart knowledge discovery systems faster.



**Content
Authenticity
Initiative**



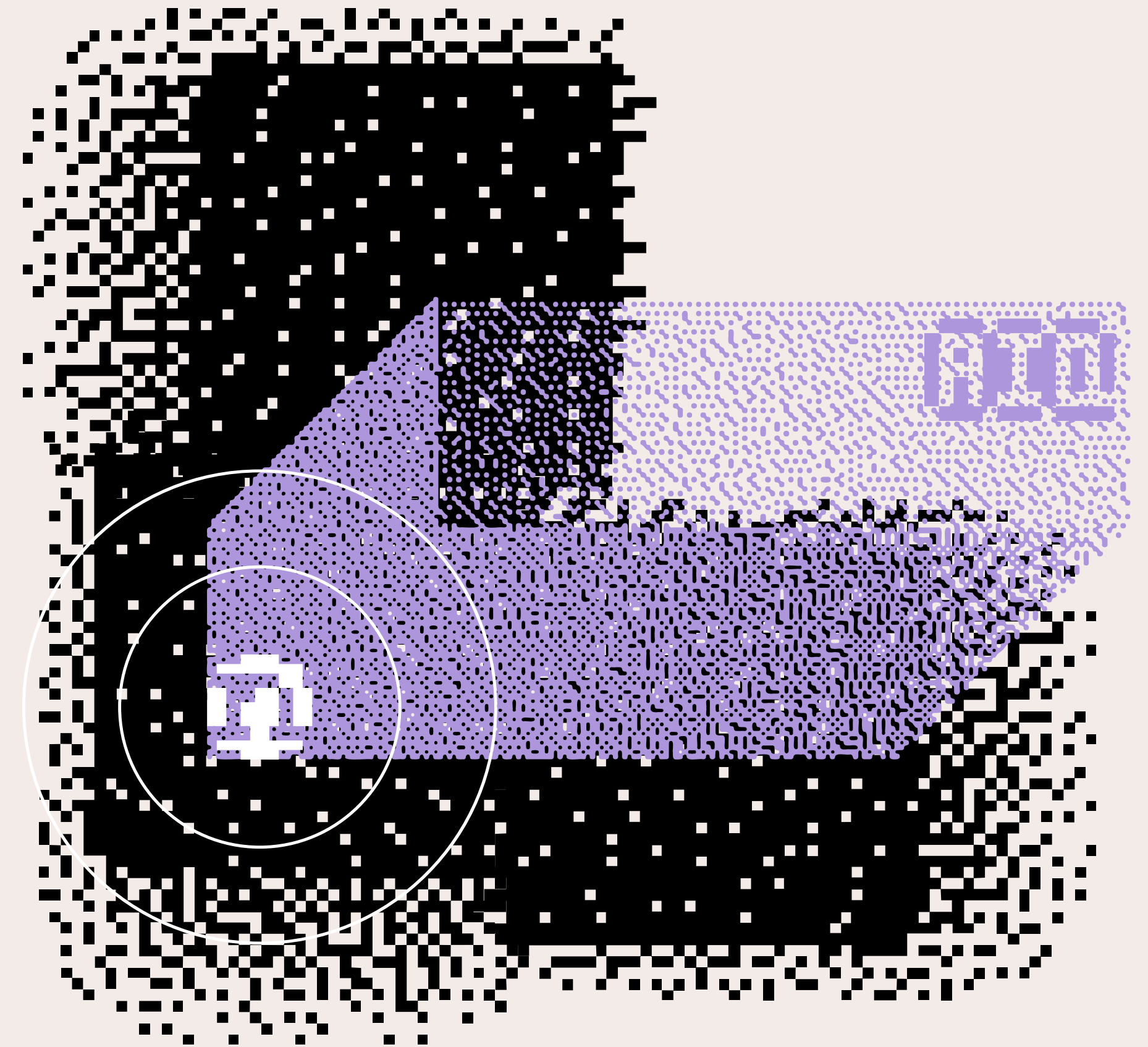
**Coalition for
Content Provenance
and Authenticity**

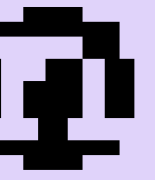


Focusing on your vertical knowledge built on our Deep Vertical Understanding (DeepVU) framework.

With the DeepVU framework, we trained AIQ's models using Deep Reinforcement Learning from Human Feedback (DRLHF) methodology but with a focus on specific vertical and societal parameters.

These parameters may include industrial operations, players, acronyms, issues and trends of a given domain while simultaneously addressing cultural, demographic and psychographic influences that may dictate outcomes and behaviours within this domain.

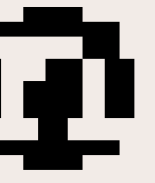




We Help you Determine What's Relevant and Trustworthy through Vertical Understanding.

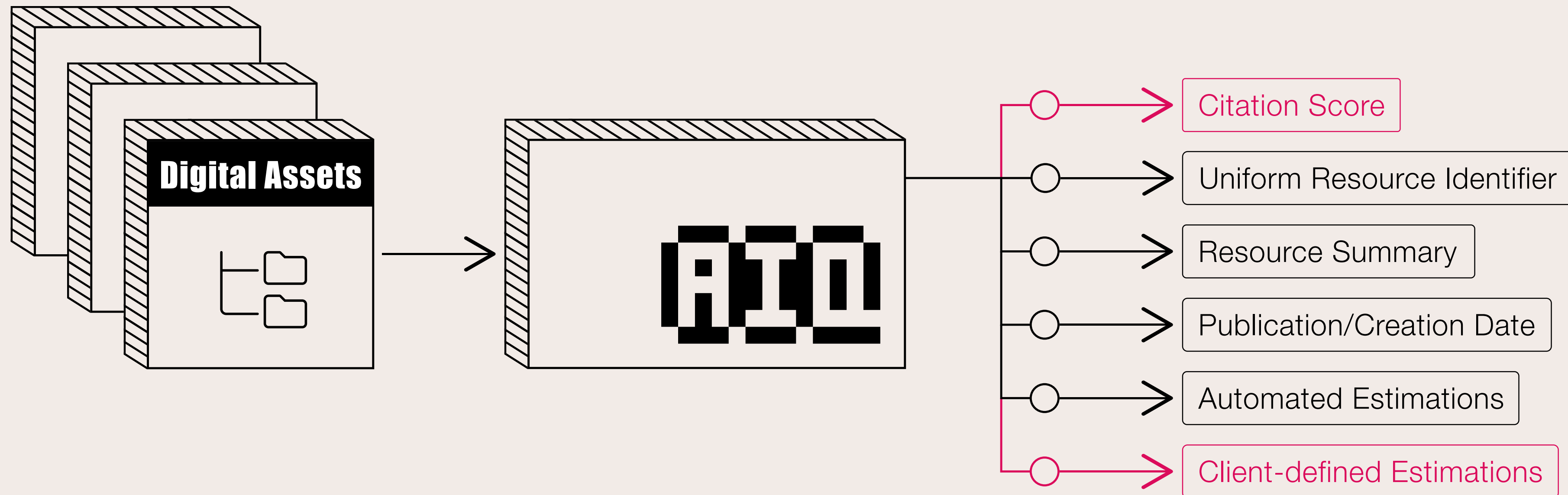
The key advantages of using DRLHF as the core component of our DeepVU framework include the following:

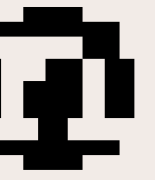
- It helps data science teams to overcome potential limitations of hand-designed reward functions, which can be challenging to specify and may only periodically reflect the actual goals of the system.
- It helps address the safety concerns associated with conventional Deep Reinforcement Learning techniques by allowing humans to intervene and correct an AI agent's behaviour when necessary. This is a vital aspect of our emphasis on explainability.
- It can lead to more human-friendly and personalised policies that better align with an end user's goals and preferences.



We Focus on Measuring Digital Content Provenance with Vertical Understanding

Digital content provenance involves collecting information about the origin of a digital asset, such as an image, video, audio recording, or document. Specifically, we focus on such details as ownership, authorship, history, citation score, and who controls its distribution.

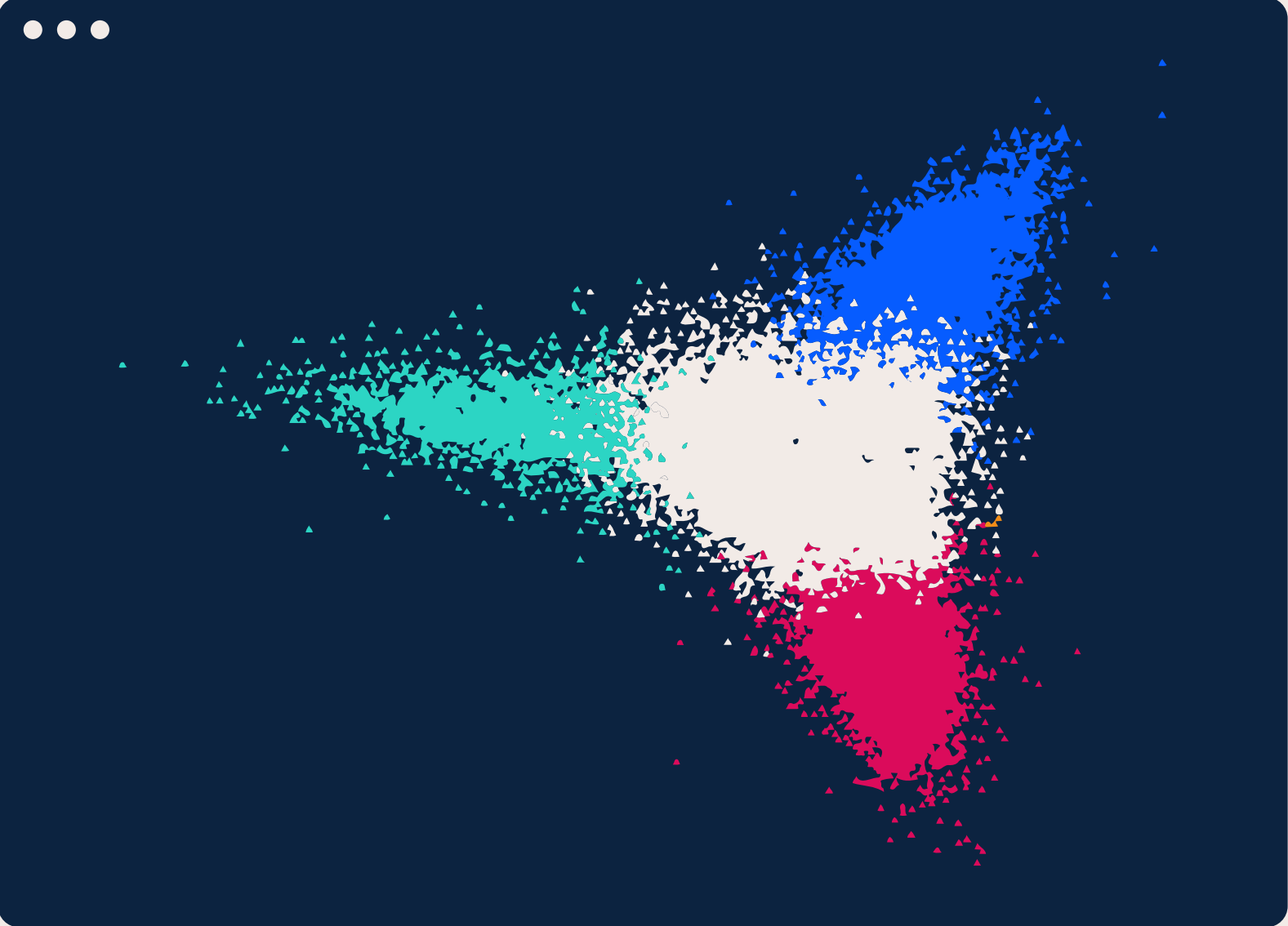


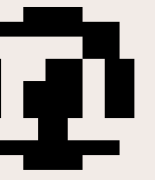


Our aim with AIQ is to extend our measures beyond text-based large language models to other data models, such as image and video processing, robotics, and autonomous systems.

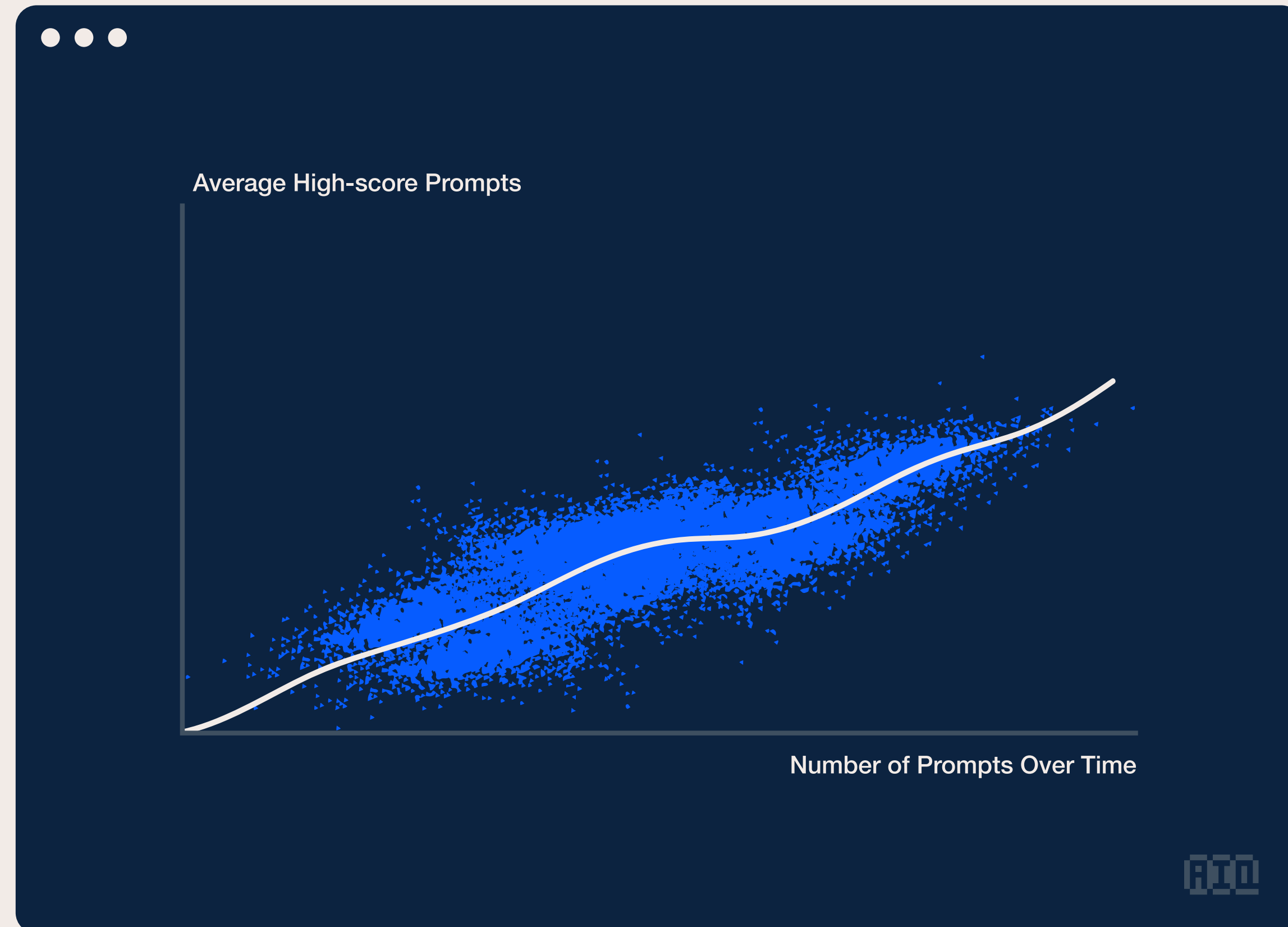
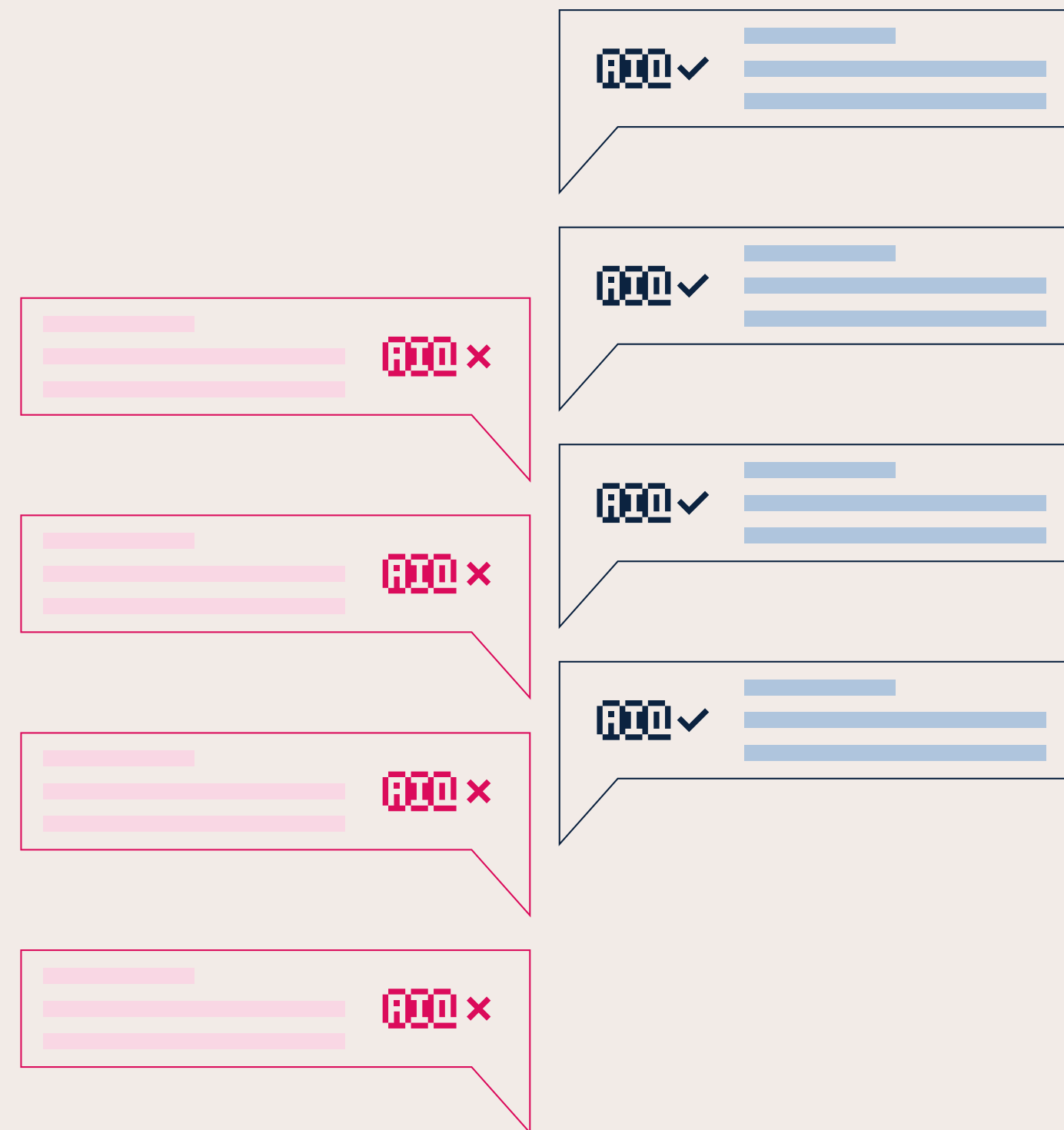
From our point of view, ensuring the integrity and provenance of any data used to train AI/ML systems is critical for all organisations to maximise their reliability, accountability, trustworthiness and safety.

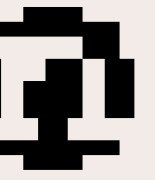
```
    "host" : "api.nebula.com",
    "schemes" : ["https"],
    "paths" : {
      "/classify" : {
        "post" : {
          "description" : "Submit your dataset for classification.",
          "consumes" : ["application/json"],
          "produces" : ["application/json"],
          "parameters" : [ {
            "in" : "body",
            "name" : "SearchDataset",
            "description" : "The request body contains a SearchDataset object. This property. This process",
            "required" : true,
            "schema" : {
              "$ref" : "#/definitions/SearchDataset"
            }
          }
        ]
      }
    }
  }
}
```





We Help Your Team Enhance NLU models and Protect Sensitive Data with Prompt Engineering.





Protect Sensitive Data with Vertical Prompt Engineering

Prompt engineering is the critical component of our Deep Reinforcement Learning from Human Feedback techniques, which can also be applied to third-party language models and generative AI:

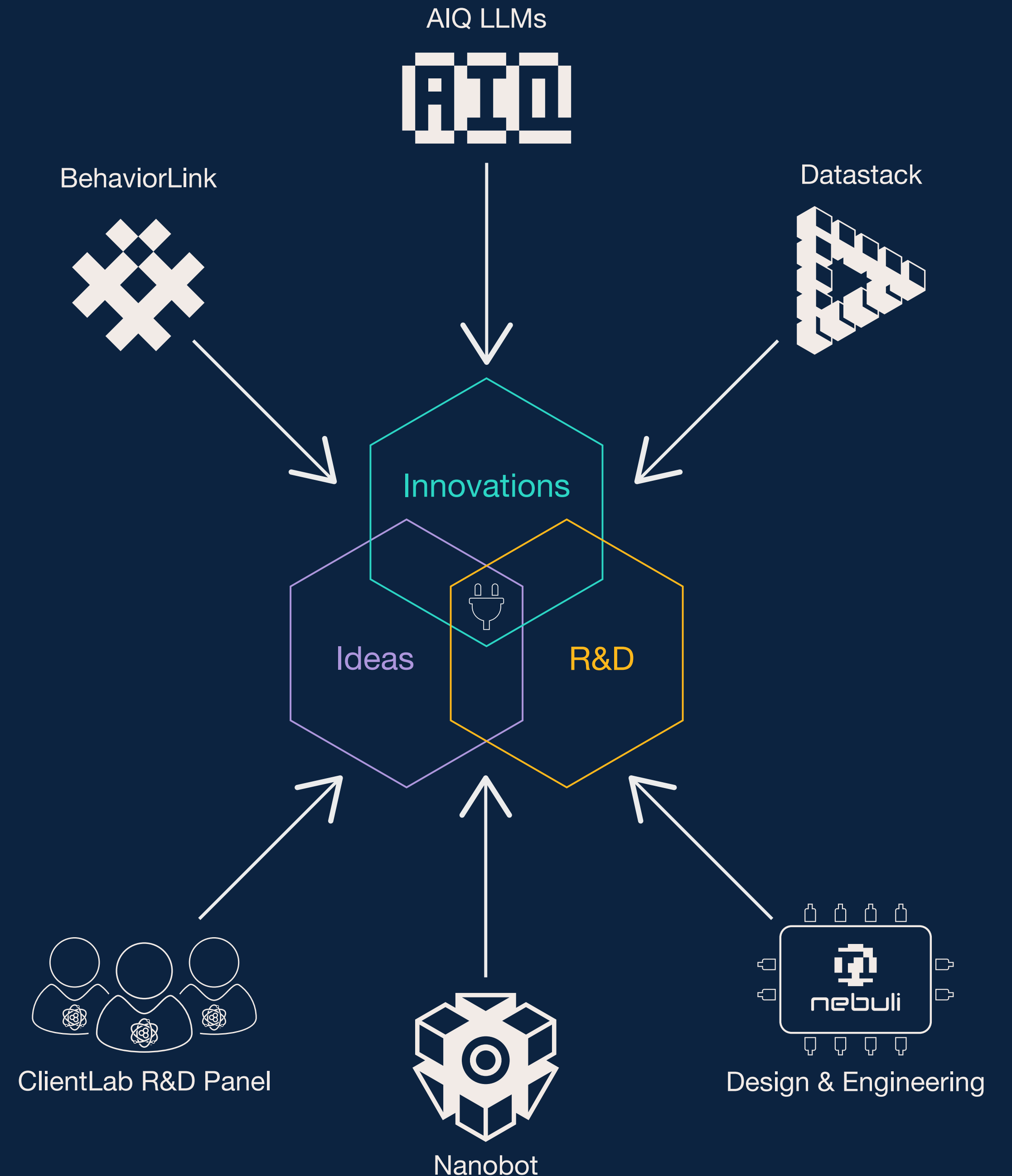
- Enhance and optimise your natural language understanding (NLU) models supported by AIQ's scoring mechanism to improve performance and save costs.
- Prevent common accidental data leaks from your organisation into third-party generative AI services.
- Improve your prompts through A/B testing and randomised experimentation models to generate more accurate and relevant outputs to a given task.

Part of Nebuli's Human-centric Augmented Intelligence Ecosystem.

We help customers realise their transformative digital experiences and create breakthrough products and services that exceed expectations and change behaviours in entire verticals.

Our Augmented Intelligence ecosystem combines human-centric design, engineering, science and business to achieve your ultimate goals.

Nebuli is Your Space for Innovations.



Let's Achieve Your Ultimate Goals.

Transform your innovation journey with your unique human-centric augmented intelligence framework, powered by Nebuli.

nebuli.com/Start

@nebuli – Twitter • LinkedIn • Instagram • Facebook • TikTok

