

// Abstract

The digital landscape is inundated with misinformation, disinformation, and fake news, undermining trust and intellectual growth. **Perspective AI** Agent (AiGent), powered by Fact Protocol — the decentralized fact-checking system, addresses this challenge by presenting diverse, credible perspectives to empower users in critical thinking and fact-checking. Using large language models (LLMs) and a continuously evolving knowledge graph, Perspective AI ensures balanced outputs tailored to counter biases, uncover insights, and promote empathy.

With a scalable, decentralized approach driven by community governance and tokenization, this project aspires to mitigate misinformation globally, encourage informed decision-making, and societal resilience. By adapting to real-time events and feedback, Perspective AI is a transformative tool that assists users in the fight against misinformation at scale.

ISNI:

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Whitepaper:

v1.7

Ticker:

\$PAI

X/Twitter:

<https://x.com/PerspectiveAI>

Telegram:

<https://t.me/PerspectiveLabs>

Website:

perspective.wiki

Logo:



// Introduction

In an era dominated by digital communication and information sharing, the spread of misinformation, disinformation, and fake news has emerged as a pressing global issue. While democratizing access to information, social media platforms have inadvertently become conduits for rapidly disseminating false and misleading narratives. This phenomenon erodes public trust, creates polarization, weakens democratic processes, and impedes intellectual growth.

Traditional fact-checking methods, though valuable, are limited in their scalability and adaptability to the ever-evolving landscape of misinformation. Meanwhile, AI-driven solutions often struggle to provide nuanced and balanced perspectives, frequently falling short of addressing the complexity of multifaceted issues. This gap underscores the urgent need for a robust and innovative approach that empowers users to navigate the information ecosystem critically and responsibly.

Perspective AI bridges this gap by leveraging advanced AI technologies and a decentralized knowledge infrastructure. By presenting multiple credible perspectives on a given topic, the platform aims to equip users with the tools to challenge their biases, discover hidden insights, build empathy, and grow intellectually. Through its commitment to transparency, inclusivity, and scalability, Perspective AI aspires to redefine how societies combat misinformation and foster a culture of critical thinking on a planetary scale.

Traditional fact-checking vs. Perspective AI

Aspect	Traditional Fact-checking	Perspective AI
Scalability	Limited scalability, labor-intensive processes	High scalability, leveraging AI and decentralized systems
Perspective diversity	Focuses on validating single truths	Offers multiple credible perspectives
Timeliness	Slower response to evolving narratives	Real-time adaptability
Bias mitigation	Subject to institutional or individual biases	Decentralized governance ensures balanced outputs
User empowerment	Provides answers, limited focus on user growth	Encourages critical thinking and intellectual growth
Community involvement	Centralized operations, minimal public participation	Involves the community through tokenized governance
Cost efficiency	High costs due to manual processes	Cost-efficient with automated AI and decentralized systems

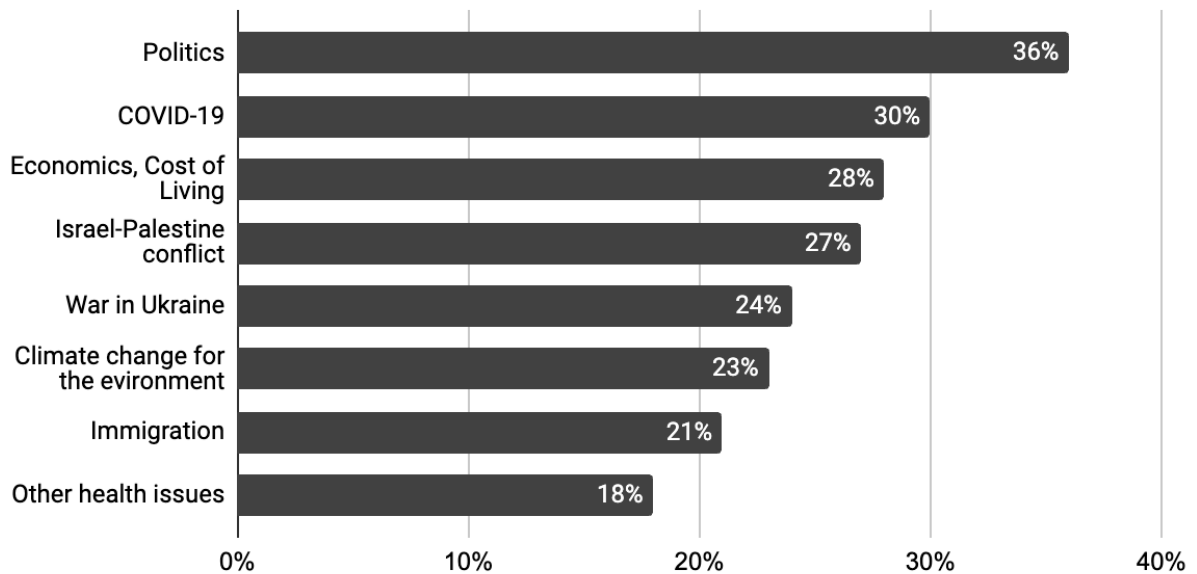
// Vision Statement

To empower individuals and communities worldwide to navigate the complexities of the digital information ecosystem with clarity, confidence, and empathy. Perspective AI envisions a future where critical thinking, intellectual growth, and informed decision-making thrive, free from the constraints of misinformation and echo chambers. By cultivating a culture of diverse perspectives and transparent discourse, we aim to build a resilient and interconnected global society.

// Our Motivation to Mitigate

Our motivation to build Perspective AI stems from the urgent need to combat the rapid spread of misinformation, which undermines informed decision-making and societal trust. Millions are exposed to false narratives within minutes, amplified by social sharing and dynamically evolving topics. Survey data highlights the scale of the problem, revealing how news consumers frequently encounter misinformation on a wide range of subjects. By empowering individuals to evaluate content and identify misinformation critically, Perspective AI aims to curb its spread and increase accountability, trust, and informed engagement in the digital age.

Misleading information witnessed on key topics



Survey: YouGov (2024) / Publisher: Reuters Institute for the Study of Journalism

// Problem Statement

In the digital age, the rapid proliferation of misinformation, disinformation, and fake news poses a significant threat to informed decision-making, societal cohesion, and global trust. Existing solutions, including conventional fact-checking and AI systems, often provide one-sided or incomplete views, failing to address the complexity and nuance of real-world issues. As a result, users lack the tools to critically analyze information, challenge biases, and promote intellectual growth. Furthermore, the absence of scalable, decentralized mechanisms to combat misinformation exacerbates the problem, leaving societies vulnerable to manipulation and polarization.

// Solution

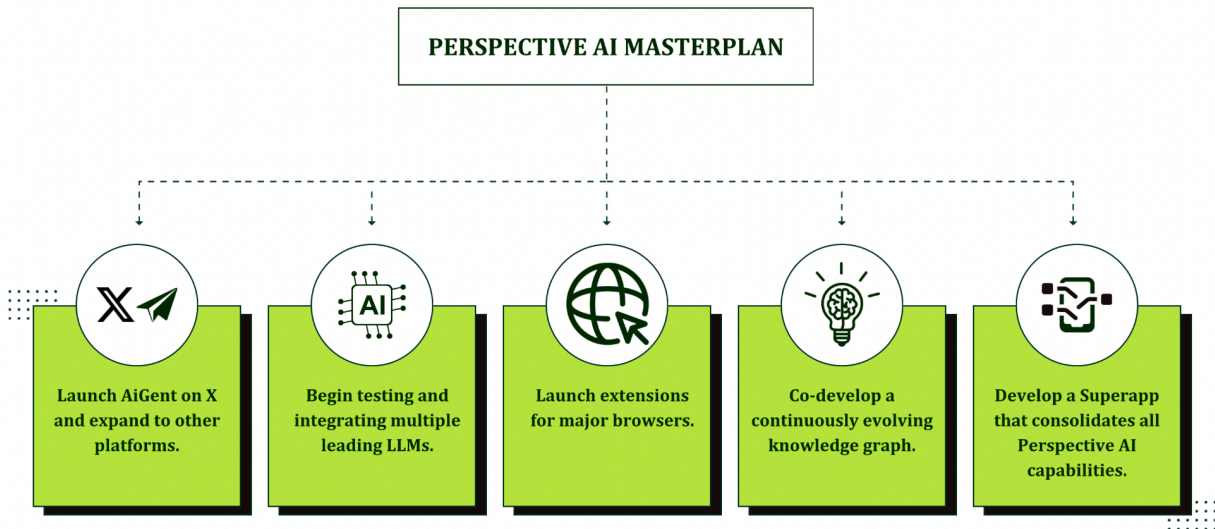
Perspective AI (AiGent) emerges as a groundbreaking approach or tool to address this global challenge. By integrating advanced Large Language Models (LLMs) with a dynamically evolving Knowledge Graph, the platform generates multi-perspective responses grounded in credible, established viewpoints. This ensures that the users are equipped with diverse perspectives to be able to do the following:

- **Challenge their biases:** Perspective AI provides users with a broad spectrum of viewpoints, enabling them to question their preconceptions and expand their understanding. Users can break free from echo chambers by confronting opposing perspectives and evidence, leading to more balanced and informed opinions.
- **Discover hidden insights:** The platform's knowledge graph and advanced AI capabilities surface lesser-known or underrepresented perspectives. This allows users to uncover valuable insights that may be overlooked in traditional information streams, creating a deeper and more comprehensive understanding of topics.
- **Build empathy:** By presenting multiple perspectives, Perspective AI humanizes differing viewpoints, helping users understand the reasoning and emotions behind them. This approach encourages empathy and reduces polarization by fostering respect for diverse opinions.
- **Grow intellectually:** Exposure to varied perspectives and critical analysis strengthens users' cognitive abilities and intellectual curiosity. Perspective AI promotes lifelong learning by continuously challenging users to think deeply and critically about complex issues.

Perspective AI leverages community governance on Web3 through its official token **\$PAI** to ensure that its system remains unbiased, transparent, and reflective of evolving global discourse. The system's iterative design, featuring continuous learning from current events, user interactions, and feedback, keeps the knowledge graph relevant and robust. Through X (Twitter), Telegram, its native apps, and other platforms, Perspective AI delivers nuanced, multi-perspective outputs to encourage critical thinking and mitigate misinformation on a planetary scale.

// Roadmap

The Perspective AI roadmap outlines our journey to combat misinformation through innovation and community collaboration. With a phased approach, we aim to expand across platforms, integrate multi-model AI, and build a collaborative knowledge graph. Each milestone brings us closer to creating a Superapp that empowers users with trustworthy and multi-perspective insights.



Phase 1: Initial Deployment [Q1 2025]

- **Launch on X:** Deploy Perspective AI as an interactive agent on X/Twitter to engage with users and provide accurate, multi-perspective insights on trending topics, misinformation, and user queries.
- **Community Engagement:** Focus on building an active community by demonstrating value through quick responses, trustworthy outputs, and transparent methodology.

Phase 2: Multi-Platform Expansion & Multi-Model Testing [Q2-Q3 2025]

Expansion to Messaging Platforms:

- Deploy agents on popular platforms like Telegram, WhatsApp, and other third-party messaging platforms with API integration capabilities.
- Ensure seamless user experiences tailored to each platform's unique interface. *[Cont'd]*

Multi-Model AI Testing:

- Begin testing and integrating multiple leading LLMs (e.g., GPT, Claude, LLaMA) to create a robust, adaptable system.
- Use comparative evaluations to identify the strengths of each model and implement a hybrid AI approach for improved performance and accuracy.
- Collect user feedback across platforms to fine-tune and optimize responses.

Phase 3: Browser Integration [Q4 2025 - Q1 2026]

- Launch browser extensions for major platforms (Chrome, Firefox, Edge, etc.) to provide real-time fact-checking, misinformation mitigation, and multi-perspective views while users browse the web.
- Integrate features such as hover-over context checks, sentiment analysis, and quick access to verified knowledge.

Phase 4: Knowledge Graph Evolution [Q4 2025 - Continuous]

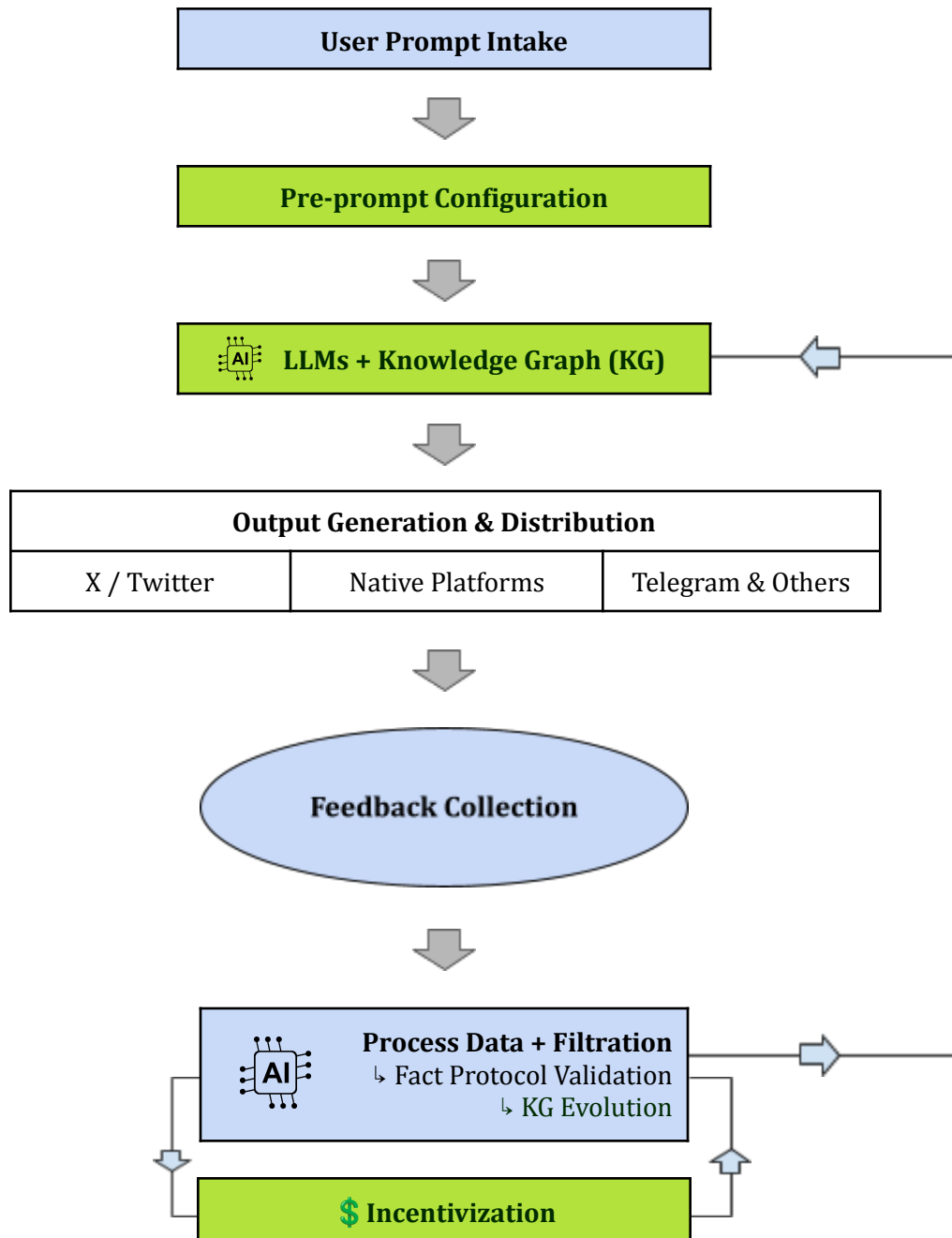
- **Collaborative Knowledge Graph:** Partner with Fact Protocol to feed a continuously evolving knowledge graph.
- **Design a dual-input system where:**
 - **AI Contributions:** Perspective AI will assume [NR Status](#) in the Fact Protocol system and feed data and insights into the graph, contributing knowledge.
 - **Community Validation:** The Fact Protocol community ([NVs](#)) fact-checks and verifies information to ensure reliability and verifiability.
- Incentivize contributions through \$PAI tokens to foster sustainable community engagement.

Phase 5: Superapp Development [Q2-Q3 2026]

- Develop and launch a centralized Superapp that consolidates all Perspective AI's agentic features and capabilities.
- **Key functionalities of the Superapp:**
 - Enable and manage platform-specific agentic features.
 - Access an in-app assistant for personalized insights and support.
 - Monitor and manage user participation in knowledge contributions.
- Build an intuitive and user-friendly interface that emphasizes interactivity and user empowerment.

// Framework

The Perspective AI integrates large language models (LLMs) with a dynamically evolving Knowledge Graph (powered by Fact Protocol) with continuous feedback loops to generate nuanced, multi-perspective responses. This design ensures that users receive a comprehensive view of queries, make informed decisions, and broaden their understanding of the subject. The following flowchart shows the process:



1. User Prompt Intake

The process begins with a user prompt on X/Twitter, Telegram, Native Platforms, and others. Our roadmap has details on our expansion plans as well as other initiatives.

2. Pre-prompt Configuration

The pre-prompt configuration enables the system to access various perspectives, ensuring a balanced representation of information. The LLM, augmented by a pre-configured knowledge graph, is calibrated to generate diverse responses.

Perspective AI from its continuous learning through the events, adjusts the pre-prompt configuration to generate better responses as appropriate.

3. Output Generation and Dissemination

The agent produces multiple outputs, each reflecting a distinct perspective based on credible sources and established viewpoints. These outputs are then disseminated through communication platforms like X, Telegram, or other channels, encouraging dialogue and exploring differing views.

4. Learning from Events

After response delivery, the algorithm observes user interactions, reactions, and external events triggered by the outputs. It analyzes this feedback to identify gaps, validate perspectives, and recognize emerging patterns in the discourse.

5. Knowledge Graph Evolution & Community Contributions

The knowledge graph, central to Perspective AI's ability to provide contextually rich and diverse outputs, evolves through two primary relays:

1. **Insights from the Learning Process:** Perspective AI continuously learns from real-time events, user interactions, and credible sources. These insights are used to refine the knowledge graph, ensuring that it remains up-to-date with new and reliable perspectives. This dynamic evolution allows the system to generate nuanced and relevant outputs while creating a deeper understanding of complex topics.
2. **Knowledge Graph Evolution:** The Perspective AI's Knowledge Graph is powered by Fact Protocol's decentralized fact-checking infrastructure. The community actively participates in verifying information and ensuring the credibility and accuracy of contributions. Details about how Fact Protocol administers the fact-checking process can be found in its [whitepaper](#).

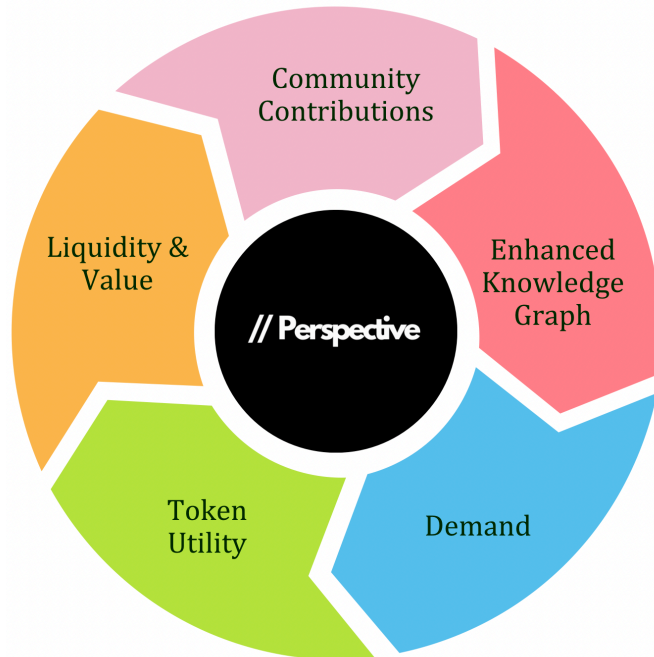
// Incentivization

Perspective AI recognizes that the continuous evolution of the knowledge graph relies heavily on contributions from the Fact Protocol community. To ensure long-term sustainability and encourage active participation, Perspective AI will incentivize community members with **\$PAI** tokens.

- **Rewarding the Efforts:** These incentives serve as a reward for fact-checking efforts and contributions to the knowledge graph.
- **Token Distribution:** The distribution of \$PAI tokens to Fact Protocol contributors is to be determined (TBD) and will be outlined in its tokenomics.
- **Token Burn:** Some portion (%) of the \$PAI tokens will be burned by Fact Protocol before incentives are distributed to its contributors.

// Token Flywheel

The token flywheel connects **\$PAI** token incentives, ecosystem growth, and long-term sustainability, emphasizing how community contributions and adoption synergize.



1. Community Contributions

- Fact Protocol users and contributors engage in decentralized fact-checking.
- The contributions refine the Knowledge Graph, improving Perspective AI's outputs.
- Community members are incentivized with \$PAI tokens (some portion is burned).

2. Enhanced Knowledge Graph

- Community contributions and fact-checking enrich and expand the Knowledge Graph.
- A refined KG ensures Perspective AI delivers more accurate, diverse, and reliable outputs.
- This creates trust and reliance on Perspective AI across industries.

3. Demand for Perspective AI Services

- Industries, enterprises, and individual users recognize the value of Perspective AI in combating misinformation and enhancing decision-making.
- Increased demand drives the adoption of Perspective AI, powered by the Knowledge Graph.

4. \$PAI Token Utility

- Users pay for agentic services offered by Perspective AI in \$PAI tokens.
- Enterprises that require tailored data insights or fact-checking access also transact in \$PAI.
- \$PAI becomes the fuel for the ecosystem, establishing consistent demand.
- \$PAI hodlers can also exercise vote through governance to decide on the project's direction.

5. Market Liquidity and Value Growth

- Increased demand for \$PAI in exchange for services leads to higher token circulation.
- Incentivized community contributions expand the ecosystem.
- Token burn mechanics effectively decreases the total \$PAI supply.
- The perceived value of \$PAI grows, driving market liquidity.

The value and utility of \$PAI encourage more users to contribute to the knowledge graph. With more contributors ensuring the accuracy and growth of the Knowledge Graph, the cycle reinforces itself, creating a self-sustaining ecosystem.







// Challenges and Limitations

While Perspective AI presents a transformative solution, it is essential to recognize potential challenges and proactively address them:

Issue	Challenge	Potential Solution
Scalability	Handling a vast amount of data across diverse languages, cultures, and topics could strain computational resources and slow down performance.	Leverage distributed computing architectures and community-driven contributions to enhance scalability. Utilize advanced optimization techniques to process multilingual and cultural datasets efficiently.
Bias in AI Models	AI models may inadvertently replicate or amplify biases present in the data they are trained on, which could lead to imbalanced outputs.	Regularly audit the AI models and the knowledge graph for potential biases. Incorporate diverse datasets and develop algorithms to detect and neutralize bias in the system. Engage a globally representative community to validate outputs.
Regulatory Concerns	Operating in a regulatory environment that varies across countries could pose legal challenges, particularly concerning data privacy and misinformation laws.	Ensure compliance with local and international regulations by adopting privacy-by-design principles. Work with legal experts to navigate regulations while maintaining transparency & user trust.
Community Engagement	Encouraging consistent and meaningful community contributions for knowledge graph updates and governance may be difficult.	Introduce incentive mechanisms through the \$PAI token to reward active participation. Provide easy-to-use tools and clear guidelines for community members to contribute effectively.
User Adoption	Users unfamiliar with multi-perspective analysis may find the platform overwhelming or difficult to use initially.	Simplify the UI and provide guided walkthroughs for new users. Develop educational content to showcase the platform's value in an accessible way, increasing trust and adoption.
Real-Time Adaptation	Continuously evolving misinformation trends and current events require rapid adaptation, which could put pressure on the platform's infrastructure.	Implement automated monitoring systems and real-time feedback loops to detect and address emerging trends quickly. Continuously refine the knowledge graph based on these insights.

// Use Cases

Access to diverse viewpoints can empower journalists, educators, policymakers, businesses, diplomats, and online communities to make more informed, balanced, and empathetic choices. Whether for media reporting, academic exploration, policy analysis, market insights, conflict resolution, or public discourse, Perspective AI is a powerful tool to mitigate biases.

Media and Journalism	
	Perspective AI can be a critical tool for journalists and media outlets to access diverse perspectives and validate the credibility of sources. By surfacing underrepresented viewpoints, the platform enables more balanced and inclusive reporting.
Education and Academia	
	Teachers, researchers, and students can use Perspective AI to explore multiple dimensions of a topic, encourage critical thinking, debate, and intellectual growth within academic environments.
Policy Making and Governance	
	Governments and policymakers can leverage the platform to assess the implications of proposed policies from different perspectives, ensuring more informed and equitable decision-making.
Business and Market Analysis	
	Perspective AI can support businesses in understanding market trends, customer sentiments, and competitive landscapes by analyzing diverse opinions and insights.
Conflict Resolution and Negotiation	
	Organizations involved in diplomacy or conflict resolution can use the platform to better understand the motivations and concerns of all stakeholders, facilitating empathy and constructive dialogue.
Social Media and Public Discourse	
	Perspective AI can enhance the quality of online discussions by injecting balanced viewpoints and mitigating the spread of misinformation in real-time.

// Impact Analysis

Perspective AI delivers profound and far-reaching impacts across multiple sectors. It builds a society that is more informed, empathetic, and resilient by addressing the root causes of misinformation and polarization. Through its scalable and adaptable design, the tool not only enhances democratic processes and intellectual growth but also empowers businesses, educators, and policymakers with actionable insights.

By promoting open discourse and embracing diversity in perspectives, Perspective AI stands as a transformative force in shaping a future rooted in trust, collaboration, and global connectivity.

Factor	Analysis	Potential Impact
Societal	Perspective AI builds a more informed and connected global society by combating misinformation and encouraging open dialogue. By reducing polarization and promoting empathy, the platform strengthens societal cohesion and trust.	Positive
Educational	In academic settings, Perspective AI inspires critical thinking and intellectual curiosity. Students and researchers benefit from exposure to diverse perspectives, creating deeper understanding and stimulating innovative ideas.	Positive
Economic	By aiding businesses and policymakers in data-driven decision-making, Perspective AI contributes to more effective strategies, enhanced market insights, and improved organizational outcomes.	Positive
Democratic	By empowering citizens with accurate and balanced information, the platform reinforces democratic processes, enabling informed voting and participation in public discourse.	Positive
Global Scale	Designed for scalability, Perspective AI addresses misinformation challenges worldwide. It creates a universal standard for multi-perspective analysis, contributing to global efforts in building information integrity.	Positive

// Ethical Considerations

Perspective AI is committed to upholding the highest ethical standards in its design, deployment, and operation. Recognizing the sensitive nature of combating misinformation and presenting diverse perspectives, the project incorporates the following principles to ensure fairness, accountability, and transparency:

1. Fairness and Inclusivity

- **Approach:**
 - Perspective AI leverages a globally diverse knowledge graph to ensure the representation of varied cultural, linguistic, and ideological viewpoints.
 - Contributions to the knowledge graph and governance mechanisms are open to community members, fostering inclusivity and mitigating regional biases.
- **Goal:** Deliver outputs that are balanced, equitable, and reflective of diverse perspectives to avoid favoring any particular demographic, culture, or ideology.

2. Bias Monitoring and Mitigation

- **Approach:**
 - Implement automated tools to detect and neutralize biases in AI outputs, leveraging advanced algorithms for bias detection.
 - Regularly audit the knowledge graph and training datasets to identify and address skewed data patterns.
 - Engage independent, multidisciplinary ethics boards and a representative global community to review system outputs and processes.
- **Goal:** Prevent amplification of harmful stereotypes or misinformation while maintaining the integrity of multi-perspective analysis.

3. Transparency

- **Approach:**
 - Adopt open-source principles for key components of the platform, including the governance process and AI model updates.
 - Provide traceability for information sources and decision-making processes, enabling users to understand the origins of presented perspectives. *[Cont'd]*

- Share system audits, performance metrics, and updates with the public to build trust and accountability.
- **Goal:** Empower users to evaluate the outputs and understand the platform's methodology.

4. Accountability

- **Approach:**
 - Use decentralized governance powered by **\$PAI** tokens to ensure that decisions about platform updates and operations are community-driven and transparent.
 - Establish feedback loops to collect user input and refine outputs based on collective concerns and recommendations.
- **Goal:** Hold the platform and its stakeholders accountable for upholding ethical standards.

5. Misuse Prevention

- **Approach:**
 - Develop safeguards to prevent the platform from being exploited to spread propaganda, targeted disinformation, or unethical manipulation.
 - Incorporate monitoring systems to flag and block harmful activities, such as coordinated disinformation campaigns.
 - Implement strict guidelines for developers and contributors to adhere to ethical practices.
- **Goal:** Protect the integrity of the platform and prevent it from becoming a tool for harm.

6. User Privacy

- **Approach:**
 - Adopt privacy-by-design principles, ensuring that user data is anonymized.
 - Minimize data collection to only what is necessary for improving platform performance and user experience.
- **Goal:** Safeguard user trust by prioritizing privacy and complying with global data protection regulations.

// Get Involved

Join us in shaping the future of information integrity!

Perspective AI is more than just a tool—it's a movement to combat misinformation and empower individuals with critical thinking skills. Here's how you can get involved:

1. **Contribute to the Knowledge Graph:** Be part of the community driving the evolution of our decentralized fact-checking system, powered by Fact Protocol. Your insights and contributions can help refine the way misinformation is tackled at scale.
2. **Participate in Governance:** Influence the future of Perspective AI through \$PAI token governance. Help shape decisions that ensure fairness, transparency, and inclusivity.
3. **Spread the Word:** Share our mission with your networks and inspire others to join the fight against fake news, misinformation, and disinformation.
4. **Follow and Engage:** Stay connected on our social media channels for updates, discussions, and ways to contribute. This is the best way to stay updated.

Together, we can build a more informed, empathetic, and resilient global society.

Website: <https://perspective.wiki>

X (formerly Twitter): <https://x.com/PerspectiveAI>

Telegram: <https://t.me/PerspectiveLabs>

Instagram: <https://www.instagram.com/perspective.official>

Facebook: <https://www.facebook.com/thePerspectiveAI/>

// Glossary

Misinformation: Misinformation is false or misleading information that is unintentionally shared. It can be the result of a misunderstanding, a mistake, or a lack of knowledge.

Disinformation: Disinformation is false or misleading information that is intentionally created to deceive or manipulate people. It can take many forms, such as fake news, propaganda, Etc.

AI (Artificial Intelligence): The use of computer programs that have some of the qualities of the human mind, such as the ability to understand language, recognize pictures, and learn from experience. [Ref: <https://dictionary.cambridge.org/dictionary/english/artificial-intelligence>]

AI Agent: Refers to a system or program that is capable of autonomously performing tasks on behalf of a user or another system by designing its workflow and utilizing available tools. [Ref: <https://www.ibm.com/think/topics/ai-agents>]

LLMs (Large Language Models): A computer program that uses very large collections of language data to understand and produce text in a way that is similar to the way humans do. [Ref: <https://www.oxfordlearnersdictionaries.com/definition/english/llm>]

Prompt: A prompt is a natural language request submitted to a language model, containing questions, instructions, context, or examples, to generate text, embeddings, code, or other outputs like images or music. [Ref: <https://cloud.google.com/vertex-ai/generative-ai/docs/>]

Prompt Engineering / Pre-Prompt Config: It involves crafting precise instructions to guide generative AI in producing desired outputs. It combines creativity and trial-and-error to design effective input formats, phrases, and symbols, ensuring AI interacts meaningfully and delivers relevant results. [Ref: <https://aws.amazon.com/what-is/prompt-engineering/>]

Perspective: A particular way of considering something. [Ref: <https://dictionary.cambridge.org/dictionary/english/perspective>]

Bias: An unfair personal opinion that influences your judgment.

Critical Thinking: Critical Thinking is the process of using and assessing reasons to evaluate statements, assumptions, and arguments in ordinary situations. [Ref: <https://iep.utm.edu/critical-thinking/>]

Fact-checking: Fact-checking is the process of verifying the accuracy of information and statements made by individuals or organizations. It is an essential aspect of journalism and research, as it ensures that the public is provided with reliable and accurate information. [Ref: <https://fact.technology/learn/what-is-fact-checking/>]

Knowledge Graph: Knowledge Graphs (KGs) organize data from multiple sources, capture information about entities of interest in a given domain or task, and forge connections between them. [Ref: <https://www.turing.ac.uk/research/interest-groups/knowledge-graphs>]

Community Governance: Community governance is a system of rules, processes, and practices that allows communities to have representation and influence over decisions that affect them or the projects they are involved in.

Tokenization: Tokenization is the process of creating a digital representation of a real thing. [Ref: <https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-is-tokenization>]

\$PAI: Perspective + Artificial Intelligence. The ticker for Perspective AI's official crypto token.

Fact Protocol: An AI & Web3-based Decentralized Fact-checking System. [Ref: <https://cointelegraph.com/magazine/real-ai-use-cases-crypto-fighting-fakes-trusted-content/>]

Decentralized Fact-checking: A system in which information is verified and validated by a decentralized network of individuals (community) rather than a centralized organization. [Ref: <https://fact.technology/learn/what-is-decentralized-fact-checking/>]

// Credits

Icons: [Pixel perfect - Flaticon](#)

Official Website's DDos Protection: [Project Shield](#)

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