ARGIMI consortium wins Bpifrance call for projects in generative artificial intelligence

Paris, May 22, 2024 - As part of the France 2030 initiative, Bpifrance launched a call for projects in October entitled "Digital Commons for Generative Artificial Intelligence". This call aims to develop specialized language models (LLMs) tailored to the needs of businesses. The consortium comprised of Artefact, Giskard and Mistral AI (ArGiMi), in collaboration with the Institut national de l'audiovisuel (INA) and the Bibliothèque nationale de France (BnF), was selected to lead this initiative.

Meeting the needs of the private and public sectors.

The ArGiMi consortium, founded by Mistral AI, Giskard and Artefact, leaders in their respective fields, aims to address the challenges of industrializing generative artificial intelligence. Currently, only 5% of generative AI projects reach the industrialization stage, mainly due to the difficulty of making models reliable, financing them or deploying them efficiently.

Expertise and collaboration:

- Mistral AI develops new models of generative artificial intelligence for businesses, combining scientific excellence, an open approach, and a responsible vision of technology.
- Artefact excels in integrating these models into industrial applications.
- Giskard is an expert in assessing model quality, conformity and safety.

By pooling their skills, these companies aim to create the next generation of francophone Large Language Models (LLMs). The consortium offers complete solutions for integrating these LLMs into organizations, covering the entire lifecycle of these languages.

Consortium deliverables:

- Development of customized LLM models: These models will be more efficient and better adapted to specific enterprise needs and sectors.
- Model evaluation and reliability: Models will be evaluated to ensure their reliability, with facilitators and tools for interconnection between data and models.
- Deployment enablers: Tools to simplify the integration and fine-tuning of LLMs, including open source datasets for benchmarking and fine-tuning, will also be developed.

Public and private partners.

The language models will be enriched by data provided by public entities such as INA, BnF, and private entities such as Cdiscount, Ardian, and Crédit Mutuel Arkéa. These contributions will provide the LLMs with heritage and sector-specific data while ensuring their compliance with ethical and regulatory standards. Access to these corpora of texts and videos will enable the development of models both on heritage data from literature and audiovisual content, and on specific private-sector applications, in compliance with current ethical and regulatory standards.

Language models will be adapted and specialized for specific industry verticals. Data from private sector entities such as Cdiscount, Ardian, and Crédit Mutuel Arkéa will be utilized. Additionally, public sector organizations INA and BnF, both members of the consortium, will conduct their own experiments on their respective datasets and use cases. These contributions will help inform discussions on model specifications and their areas of application while ensuring compliance with ethical and regulatory standards.

France leads the way in artificial intelligence innovation.

By winning this call for projects, the ArGiMi consortium confirms France's position as a leader in LLMs and AI, contributing to innovation and sustainable growth in the technology sector.

A commitment to open source.

A key feature of this project is its commitment to sharing specialization methodologies, models and data in open source. This promotes accessibility and customization while respecting ethical standards. To this end, Artefact will collaborate with CentraleSupélec Université Paris-Saclay to set up a joint research team.

This project illustrates the ArGiMi consortium's deep commitment to shaping a future where AI is ethical and inclusive, respectful of copyright, ethics and environmental impact, and compliant with current regulations.

About Artefact:

Artefact is a leading global consulting company dedicated to accelerating the adoption of data and AI to positively impact people and organizations. Artefact specializes in data transformation and data marketing to drive tangible business results across the entire enterprise value chain. Artefact offers a comprehensive set of data-driven solutions, built on data science and AI technologies, delivering projects at scale in all industry sectors. Artefact's 1500+ employees operate in 21 countries (Europe, Asia, Americas, Middle East, Africa), and partner with 1000 clients, including some of the world's top 300 brands such as Samsung, L'Oréal and Sanofi.

Artefact provides customized services from strategy to operations: data strategy, data quality and governance, data platforms, AI factories, demand forecasting, data marketing & sales, AI for call centers, Data & AI School, specialized by industry sectors with dedicated consultancy and technology support.

Find out more at www.artefact.com

About Mistral.AI:

Mistral AI is an international company headquartered in Paris, specializing in generative artificial intelligence, co-founded in mid-2023 by Timothée Lacroix, Guillaume Lample and Arthur Mensch. The company develops new models of generative artificial intelligence for businesses, combining scientific excellence, an open approach and a responsible vision of technology.

Find out more at www.mistral.ai

About Giskard:

Founded in 2021, Giskard helps companies deploy their AI models with complete confidence. Giskard offers an open source solution as well as a collaborative software platform enabling companies to test their AI models before putting them into production. With these tools, companies can avoid the risks of errors, biases and flaws in AI models, to ensure the quality, safety and compliance of their generative AI solutions.

Find out more at https://www.giskard.ai/

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