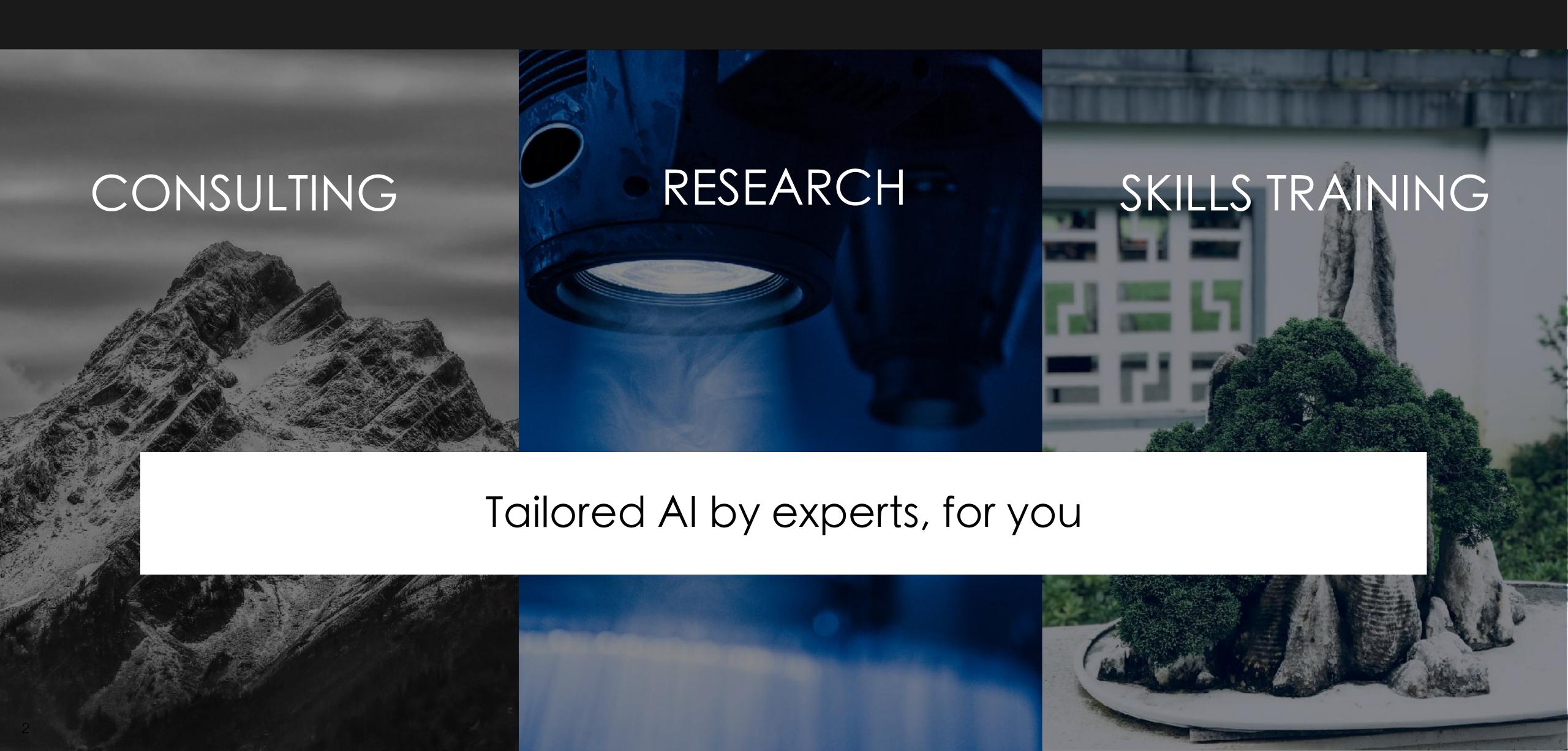


Company presentation

Magic LEMP

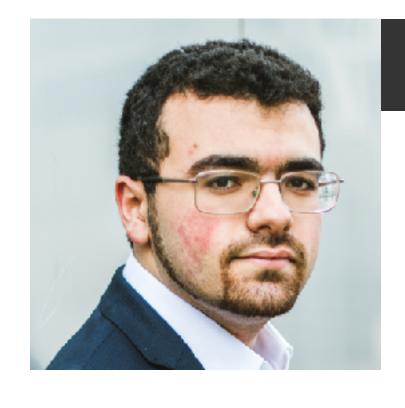


Our core business



Our team

The founders



Raphaël David Lasseri

Founder, CEO
PhD in nuclear physics

Former student of Ecole Normale Supérieure of Paris-Saclay



Marie Chupeau

Co-founder, R&D projet leader

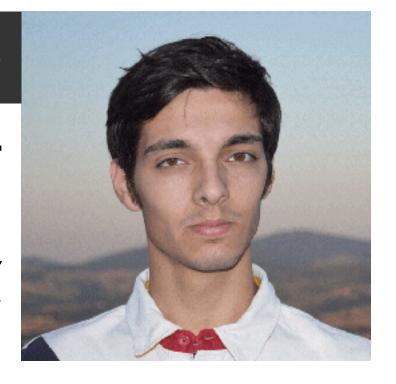
PhD in theoretical physics

Former student of Ecole Normale Supérieure of Paris-Saclay Agrégation in physics

Thomas Epalle

Co-founder, researcher
PhD in combustion

Former student of Ecole Normale Supérieure of Paris-Saclay Former student of Ecole CentraleSupélec

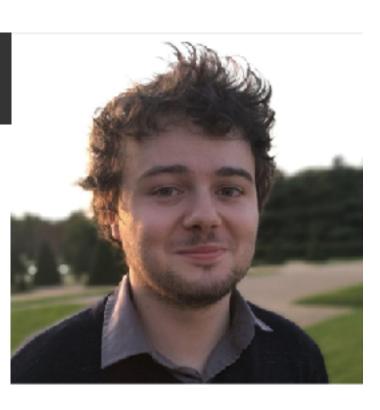


Antonin Penon

Co-founder, CTO

Data-scientist

Former student of Ecole Normale Supérieure of Paris-Saclay



Magic LEMP team is specialized in state-of-the-art artificial intelligence. It involves highly-qualified and versatile profiles (PhDs, engineers, ...) with complementary expertises.

Our last achievements

Winner of the 2020 Al4Curie challenge

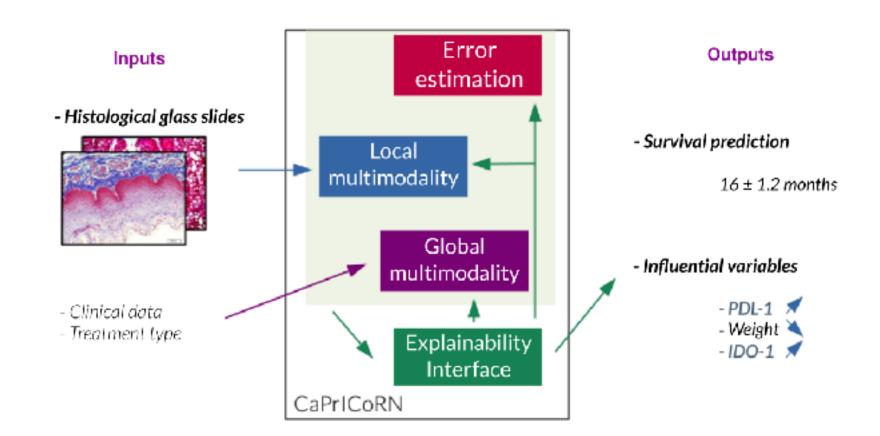
Al-based predictions of the impact of immunotherapy on patient's survival

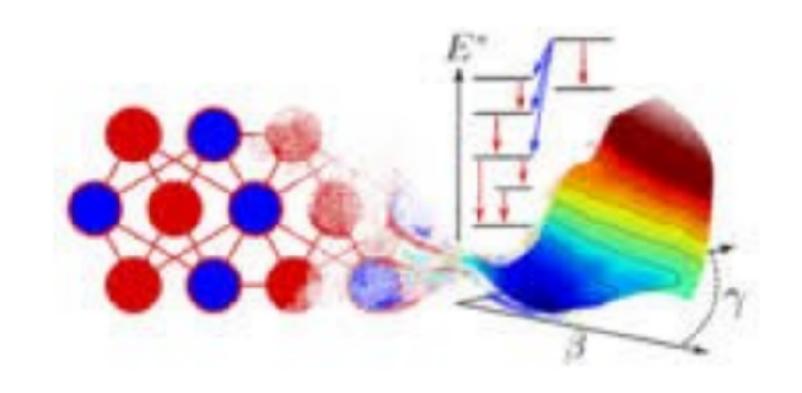
Winner of the 2021 Al for Health challenge

Al-based multimodal and explainable quantification of the impact of an immunotherapy treatment on patient's survival

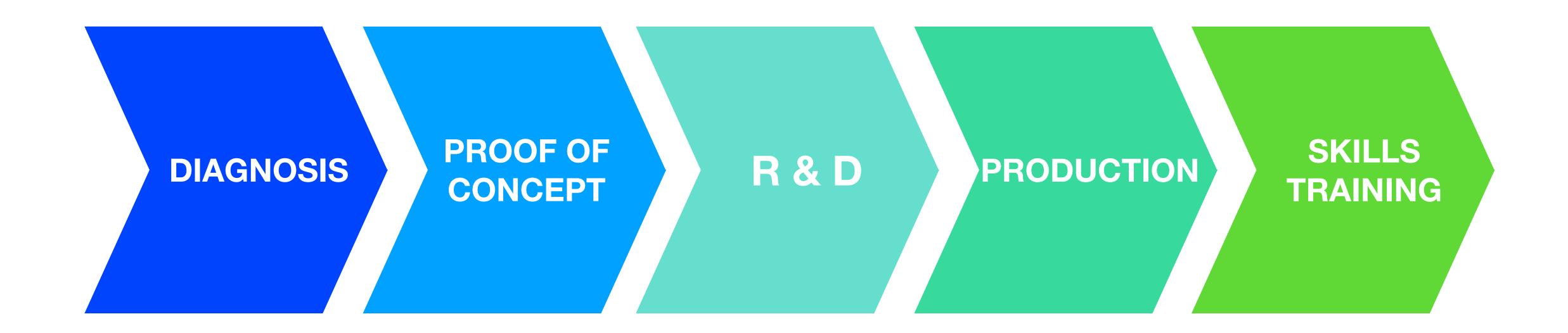
Publication in a peer-reviewed journal

Convergence acceleration of heavy nuclear physics calculations by a factor 1000

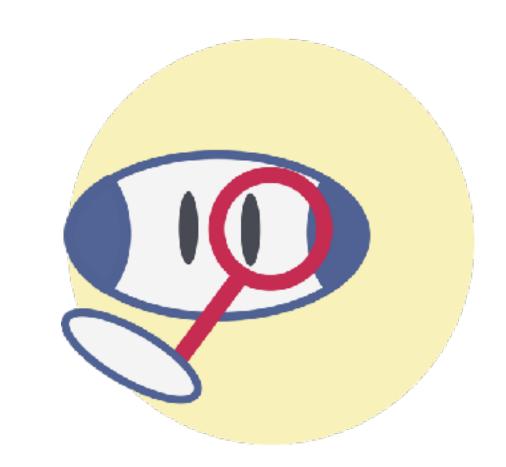




Our core business is **explainable and trustworthy Al**. We offer a **complete and customized** service, from identifying your needs to integrating the technology we designed and developed for you into your workspace. Our service combines **strategy, R&D and skills training**.

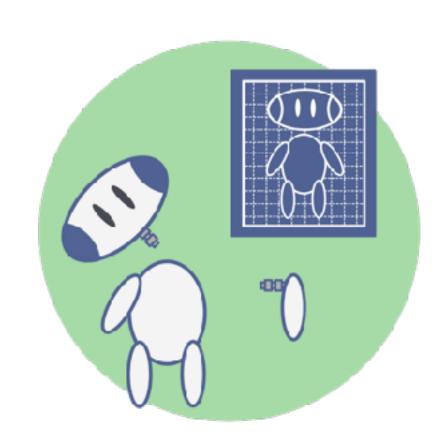


- During a first diagnosis phase, we get to know your firm and its challenges. We assess your resources (data, available skills).
- We identify your untapped potentials, and design with you a tailored strategy in order to boost your productivity.



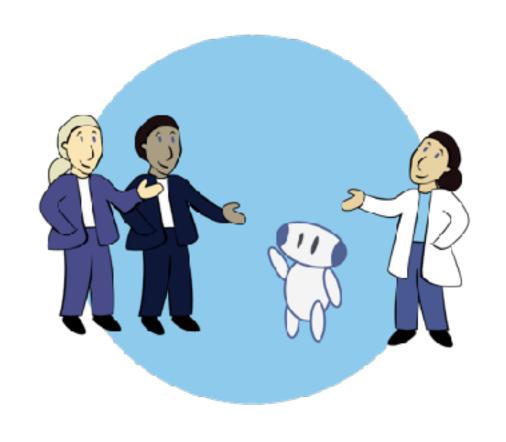


- Then we study the feasibility of the project. It results in a **proof** of concept, scientifically sound and well-documented.
- At the end of this exploratory phase, we carry out the whole R&D process, always in touch with your teams, up to the delivery of a functional technological solution.



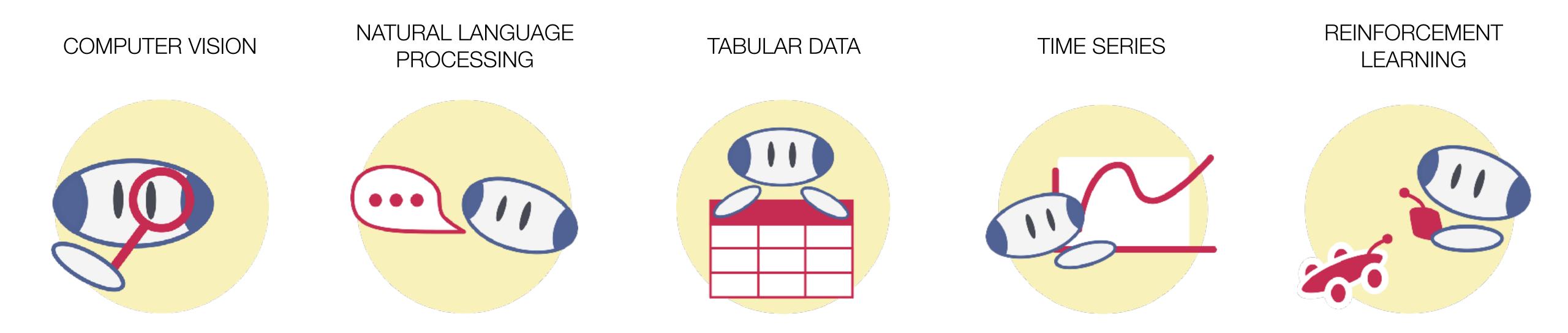


Finally, so as to ensure a successful human and technical integration of our technology into your workspace, we provide you with deployment assistance and skills training for your teams.





Our fields of expertise



When it is possible, we design **explainable AI** (xAI) solutions. xAI provides predictions that a domain expert can more easily interpret. Explainability mitigates the "black box" effect often associated with AI, and is a key to build **trustworthy AI**.

Trustworthy AI for key topics

Thanks to our expertise in trustworthy AI, we can tackle sensitive and crucial topics

Healthcare

- Pulmonary oncology (CaPrlCoRN project with Institut Curie)
- Treatment by ultrasound

Civic tech

Study on the propagation of fake news (PhD proposal)

Magic LEMP: a recognized expertise

Insertion in the French AI ecosystem









Quality labels





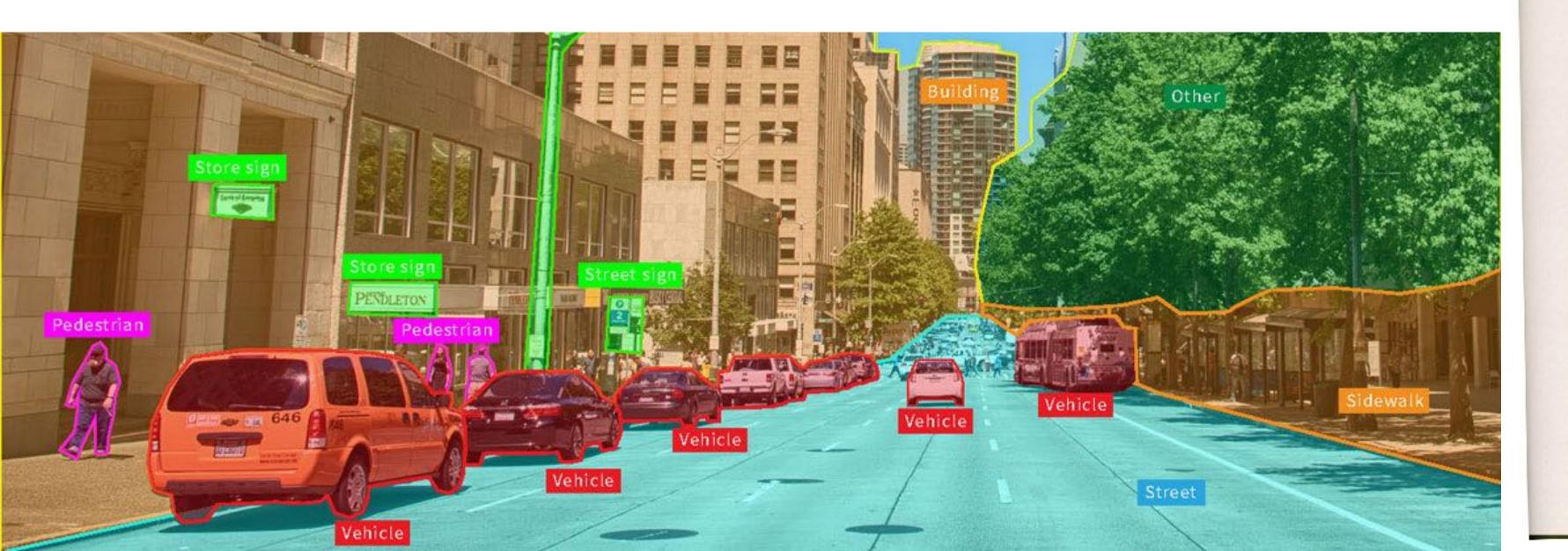
Awards in healthcare

- Winner of the 2020 AI4Curie challenge organized by Institut Curie
- Winner of the 2021 for Health challenge organized by the Ile-de-France region and Institut Curie



Computer vision

- Document digitalisation
- Anomalies / defaults detection supply chain, production supervision, diagnosis, ...
- Behavior analysis on videos security, accident prevention, analysis of client reactions, ...



heading? 0.32 A NEW VIEW OF S PERSONNEL PERFORMANCE

paragraph? 0.45 mes J. Jiang, and Marion G. Sobol

For the sake of overall corporate performance, users and IS professionals need "consonance" when evaluating system performance.

HELP MANAGE THEIR INTERNAL IS PERSONNEL FUNCTIONS, MANY ORGANIZATIONS SCRUTINIZE

productivity by IS professionals [1, 5, 9]. Tying the evaluation of an organization's IS personnel to the goals of their systems-development projects, as well as to strategic organizational goals, provides opportunities for enhancing IS personnel performance and productivity. Linking this evaluation to these goals obviates the need for a goal-setting-and-evaluation loop. Therefore, at the start of any systemdevelopment project, a set of specific, challenging, and meaningful performance measures should be

its evaluation and reward system to encourage into any of the various comprehensive evaluation attainment of the desired strategic goals. Motivation theory argues that people tend to engage in Popular evaluation techniques are unable to purposeful behavior to the degree they believe their efforts will result in valued outcomes [9]. In sum,

nargaranh? 0 90 performance criteria, evaluation techniques, and reward packages should be tied closely to organiz tional goals. Therefore, we highlight here a con prehensive feedback process derived as a result of detailed survey we conducted in 1998 that enable paragraph? 0.70 (see the sideb

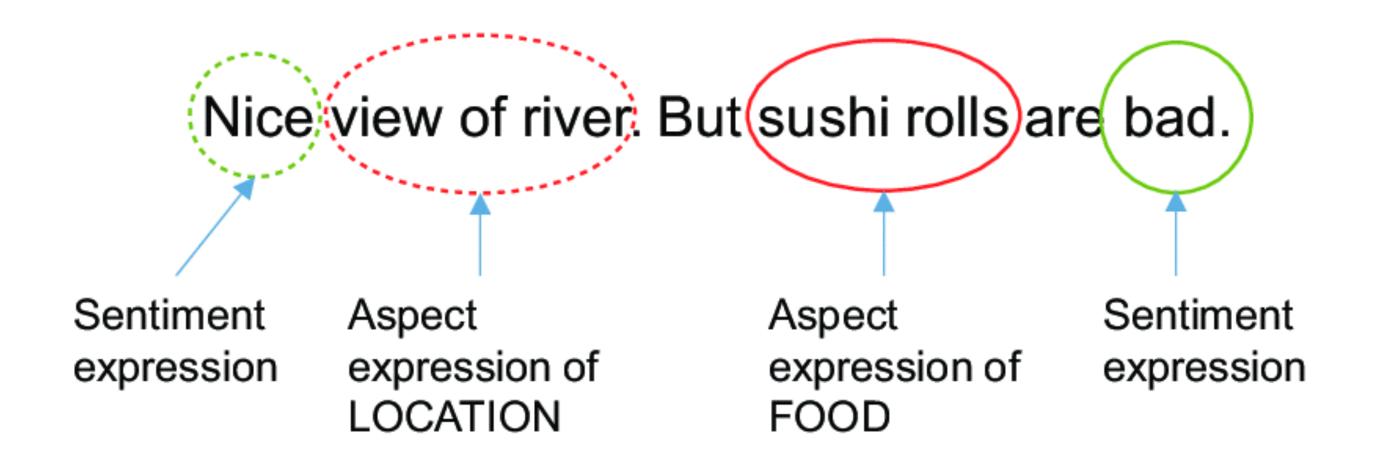
groups of people might assign different weights to the same criterion due to their personal views as to what is important. Productivity and quality measures usually exist to reflect the view of developers and managers. Yet the customer, or user, of the supports corporate performance is not limited to system function is a primary source for determindisseminating a list of corporate and system goals. Ing any system's success. Thus, user views on goal Management has to be certain all parties are aware attainment must be part of any comprehensive of the relative importance and priorities of the goals | goal-setting and performance evaluation [4]. Difand their attainment measures. Users and develop- ferences in attitudes about what are desirable outers must recognize and share each others' goals, as comes appear as gaps in an evaluation setting [11]. well as those associated with the organization's Despite being proposed as a way to measure sysstrategic posture. The organization must structure tem success, these gaps have not been integrated

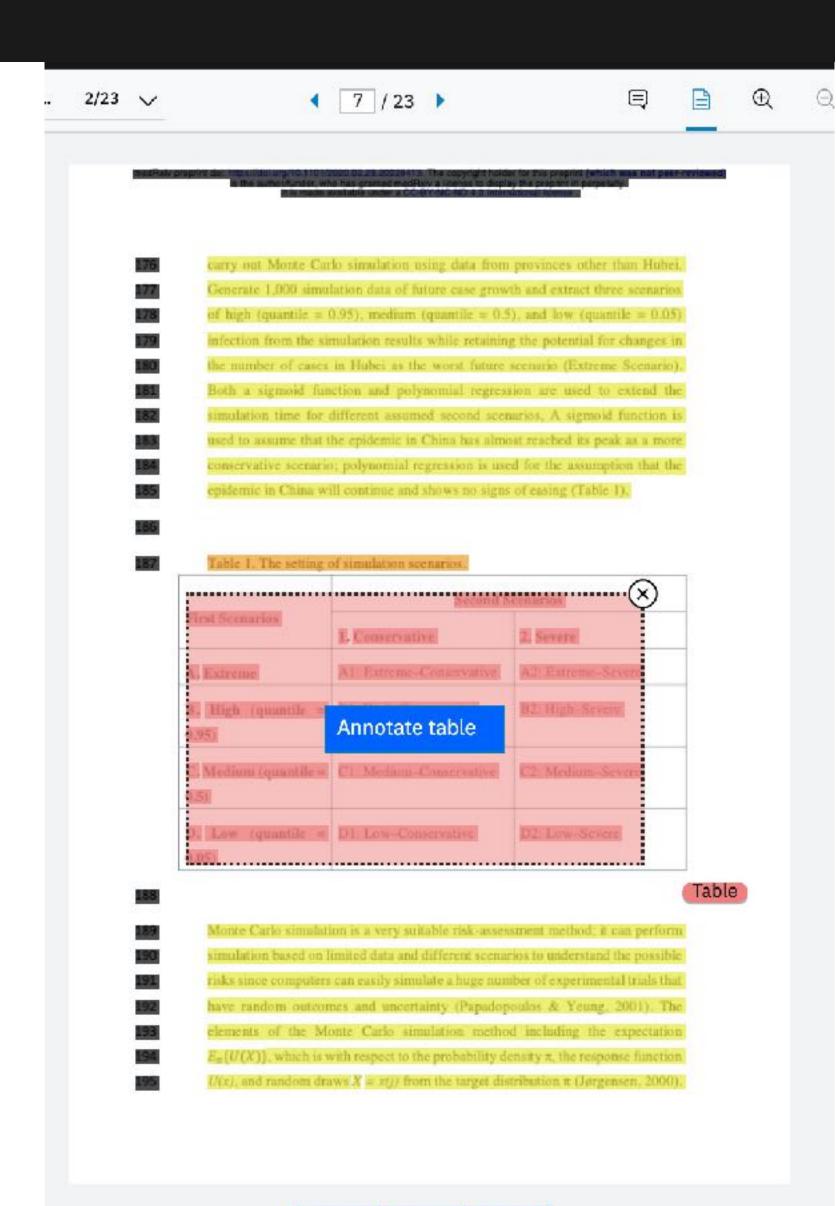
> completely integrate goals and the different views of how to attain them [1]. Clearly needed is a mo



Natural language processing

- Documents analysis
 automatic watch, patentability, fraud detection, automatic summary, ...
- Conversational agent
 chatbot, analysis of client reactions, smart autocompletion, ...
- *Translation* automatic subtitles generation, vocal synthesis, ...



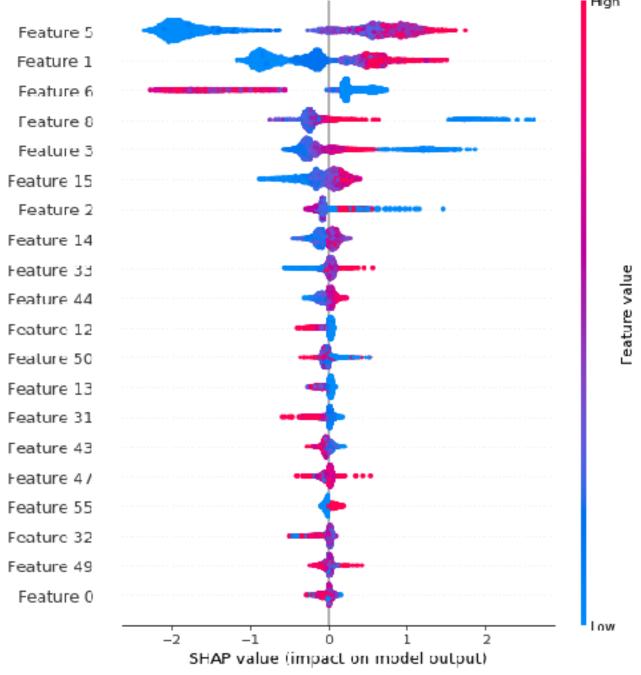


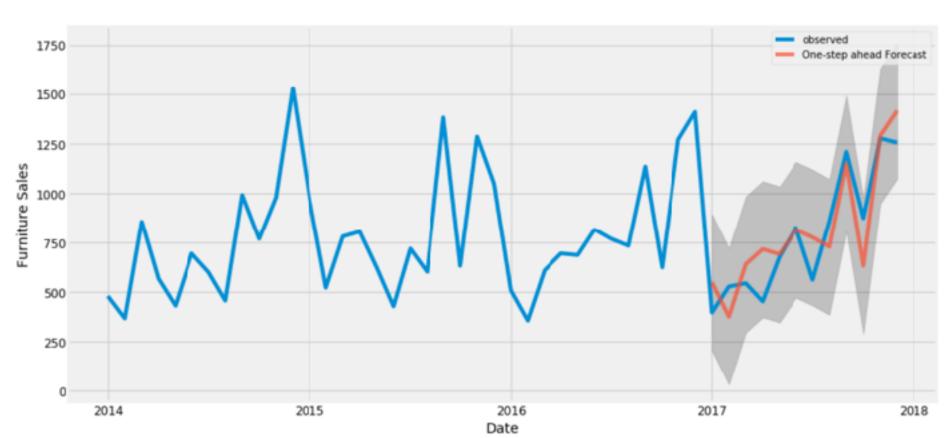


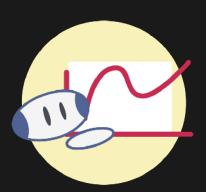
Tabular data

- Data mining
 market segmentation, anomaly detection, ...
- Prediction
 trends analysis, reconstruction of consomption trajectories, risk analysis, ...
- Explanation
 identification of significant factors, operational research, ...





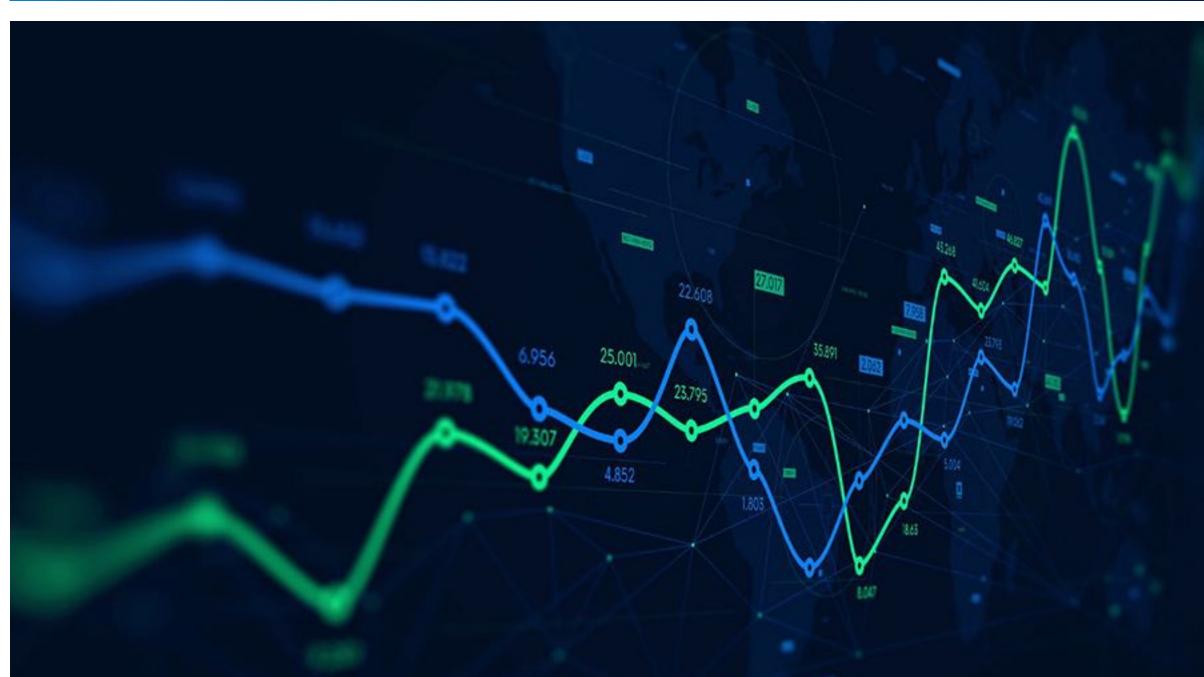




Time series

- Motion, speech control customization, ergonomics, ...
- Real-time alert safety, supply chain, healthcare, ...
- *Digital twin* predictive maintenance, automatic pilot, simulator, ...





Tailored Al

There are no boundaries between our expertises, they can be combined without limit.

A crazy project in mind? Let us talk about it, we love challenges!











Tailored Al

Our offer in a nutshell

BOOST YOUR PRODUCTIVITY THANKS TO STATE-OF-THE-ART AI WITH OUR COMPREHENSIVE SERVICE COMBINING STRATEGY / R&D / SKILLS TRAINING.

Our pricing policy

We adapt our pricing policy to your ambitions, to the complexity of the task and to your financial status.

OUR OFFERS

DIAGNOSIS



DIAGNOSTICIA

CONSULTING



HIMALAIA

SKILLS TRAINING



BONZAI

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See you very soon

https://magic-lemp.com

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