

digital luxembourg

A collaborative government initiative that strengthens & guides the country's digital efforts – from ICT Infrastructure to digital policy & beyond.

We watch & listen, then identify & act, never forgetting why we're here. Nope, not to develop cool technology: to improve lives.

Digitalization is happening all around us. Let's keep it positive, smart & human.

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in partnership with
LUXINNOVATION
TRUSTED PARTNER FOR BUSINESS

AI is here.

a snapshot of local innovators using artificial intelligence to enhance industries.

digital luxembourg
innovative initiatives.

artificial intelligence

We're defining artificial intelligence as a machine's ability to mimic human behavior &, to an extent, human intelligence. This broad spectrum encompasses single tasks (think chess playing or translating) & complex activities (e.g. multitasking & machine learning).

music

— Aiva Technologies

After learning the art of music & the works of timeless composers, AIVA (artificial intelligence virtual artist) created a model that encompasses the essence of music. Based on that model, AIVA writes entirely unique soundtracks for films, video games, tv shows & commercials. AIVA Technologies envisions growing collaborations between man & machine, & designed a solution to serve composers, not compete with them.

education

— LuxAI

The QTrobot was built as an assistant to therapists, teachers & caregivers, & an interactive companion for autistic children. QT increases the effectiveness of autism training by boosting students' engagement & gaze duration, while decreasing their anxiety & disruptive behavior. The humanoid robot never loses its patience & begins each session exactly the same way, so children feel safe & relaxed. Easily controllable & programmable, the solution comes with hours of science-based educational programs.

finance

— SESAMm

By analyzing billions of online texts – news articles, social media messages, blogs & forums – SESAMm identifies emotional trends to predict financial market movements. Its solution is built on big-data tools, natural language processing, machine learning & quantitative financial analysis. Its flexible solution gives businesses a significant competitive advantage, letting them make better decisions based on measured market sentiment.

design

— Yotako

Web & mobile app development just got a whole lot faster with Yotako, a platform that lets design teams turn their designs into code with a couple of clicks. Developers simply upload their design files (e.g. Adobe Photoshop or XD, Sketch, Balsamiq) & the technology extracts the knowledge embedded in the files. After selecting their stacks, users are left with ready-to-use code for their application & can even test the code via a preview feature.

"AI solutions of the future should allow us to provide more value, motivating us to be more creative than ever before."

- EmailTree -

"Enabling the industry to swiftly embrace the power of artificial intelligence & make data-driven decisions is the essence of our company."

- Wizata -

corporate services

— EmailTree

Employees dedicate hours to emails – sorting, reading, resolving & responding. EmailTree seeks to optimize this process, reduce the amount of time emails require & boost a company's productivity. Its AI-based solution extracts the message's meaning, identifies issues & formulates actions. Learning from previous decisions, EmailTree can prepare next steps, take autonomous actions, draft customized offers, compose emails, escalate problems & beyond.

environment

— RTC4Water

Municipalities, syndicates & countries face the challenging task of managing their water infrastructure. RTC4Water's AI software helps them better utilize the wastewater collection & water distribution infrastructure they already have. It monitors SCADA systems, reduces operational workload (e.g. by enabling networks to automatically adapt to emergencies), lowers cost & improves water quality.

industry

— Wizata

Many metal manufacturing companies know that there are modern AI tools out there that could help them boost output, reliability or quality. However, allocating resources, launching R&D & industrializing those solutions across all business lines remains a massive undertaking. With Wizata's AI platform, they can identify & integrate a tailored artificial intelligence solution while staying in control of every step. By optimizing their metal production processes, Wizata gives them the power to turn points of friction into sources of revenue.

health

— Black Swan

SafeLive's advanced profiling & anomaly detection solutions support caretakers in the critical task of watching over the elderly. The SaaS tool turns off-the-shelf wearable devices (e.g. smart watches) into reliable monitoring tools that measure motion, heartbeat, sound, location & more. Individuals with aging loved ones & professionals responsible for the care of vulnerable seniors receive automatic alerts via their smartphones in the case of anomalies in behavioral patterns.

AI in action.

artificial intelligence isn't on the way.
it's at work today.

education



environment



music



health



finance



corporate services



industry



design

