



Digital Learning Hub _



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG

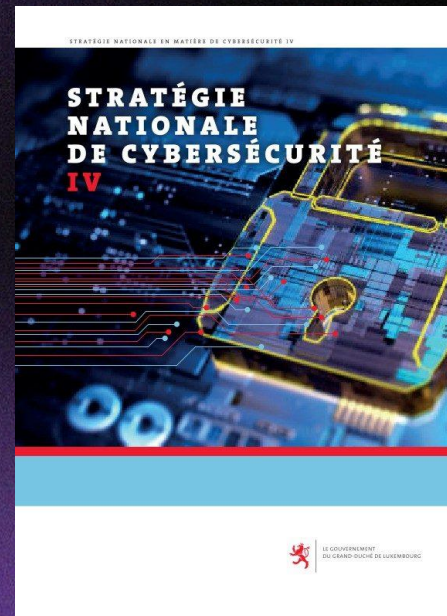
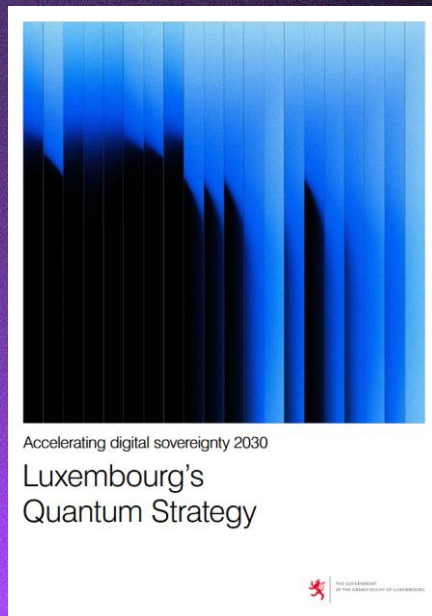
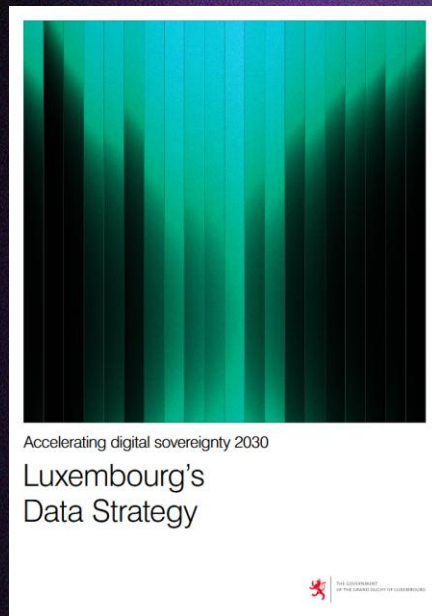
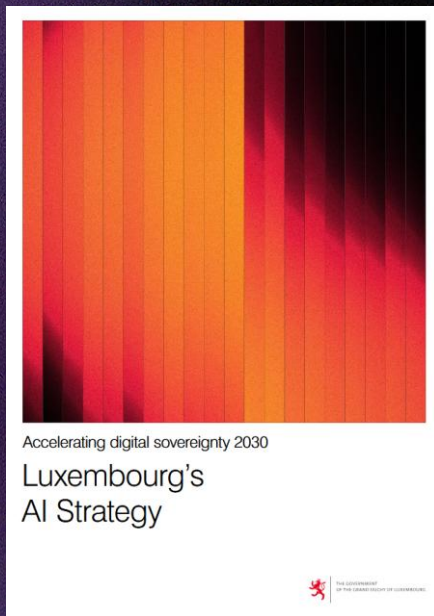
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

Lancement officiel des trois nouvelles académies du Digital Learning Hub

Intelligence Artificielle | Cybersécurité | Quantum Computing

**Digital
Learning
Hub_**

Conférence de presse
13 novembre 2025
Clausen



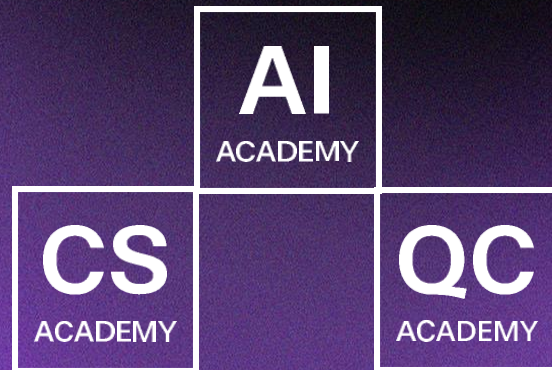
Luxembourg aims to become a European leader in digital sovereignty by 2030 through strategic investments in trustworthy **AI**, secure and ethical **data** use, cutting-edge **quantum** technologies, and resilient **cybersecurity** infrastructure, all supported by strong public-private collaboration and talent development.



Digital Learning Hub

650+ modular trainings in 2025
10.000+ participants since 2022

42 | LUXEMBOURG



Objective

Format

Target audience



Build capabilities to design, deploy and manage AI-driven solutions across industries

- 7 months, workload 40h/week
- 14 months, workload 20h/week

1 fixed in-person day per week

- IT professionals (*upskilling*)
- Young school graduates
- Career switcher (*reskilling*)



Strengthen national expertise in cybersecurity, risk management and digital resilience

- 7 months, workload 40h/week
- 14 months, workload 20h/week

1 fixed in-person day per week

- IT professionals (*upskilling*)
- Young school graduates
- Career switcher (*reskilling*)



Develop talent to explore and apply quantum technologies for innovation and secure data processing

4 months, workload 20h/week

1 fixed in-person day per week

- IT professionals (*upskilling*)
- Young school graduates
- Career switcher (*reskilling*)

Part 1: Common Core

Part 2: Specialisation

Part 3: Project



Python, Math, Probability,
Data Manipulation

- Data Science
- Machine Learning

Capstone Project



Security Fundamentals,
Systems, Networking

- Offensive cybersecurity
- Defensive cybersecurity

Capstone Project
Certification: Comptia



Part 1: Common Core

Part 2: Project



Real-world industrial applications with hands-
on on a real quantum computer

Capstone project
Certification: Qiskit



How to participate:

Step 1: online registration @ dlh.lu/academy

Step 2: online assessment

Step 3: information session + interviews

Step 4: possible upgrade training

Step 5: start April 2026, unique price: 500€



Liste des métiers très en pénurie - Année de référence 2024

Métier : M1802 - Architecte de sécurité des systèmes d'information, Expert/Experte en tests d'intrusion - sécurité des systèmes d'information, Responsable sécurité informatique

Métier : M1805 - Études et développement informatique, Analyste-programmeur, Développeur

Métier : M1805 - Business Intelligence

CEDEFOP

European Centre
for the Development
of Vocational Training

In 2024, 43% of employees in Luxembourg regularly use or are aware of the use of AI in their immediate working environment.

<https://www.cedefop.europa.eu/en/publications/9201>



Luxembourg is a "European frontrunner in digitalisation, notably through targeted investments in frontier technologies such as AI, quantum technologies, and sovereign cloud".

<https://digital-strategy.ec.europa.eu/en/library/digital-decade-2025-country-reports>



Since then, the spread of AI technologies has accelerated, leading to increased demand for training, driven by the prospects offered by AI.

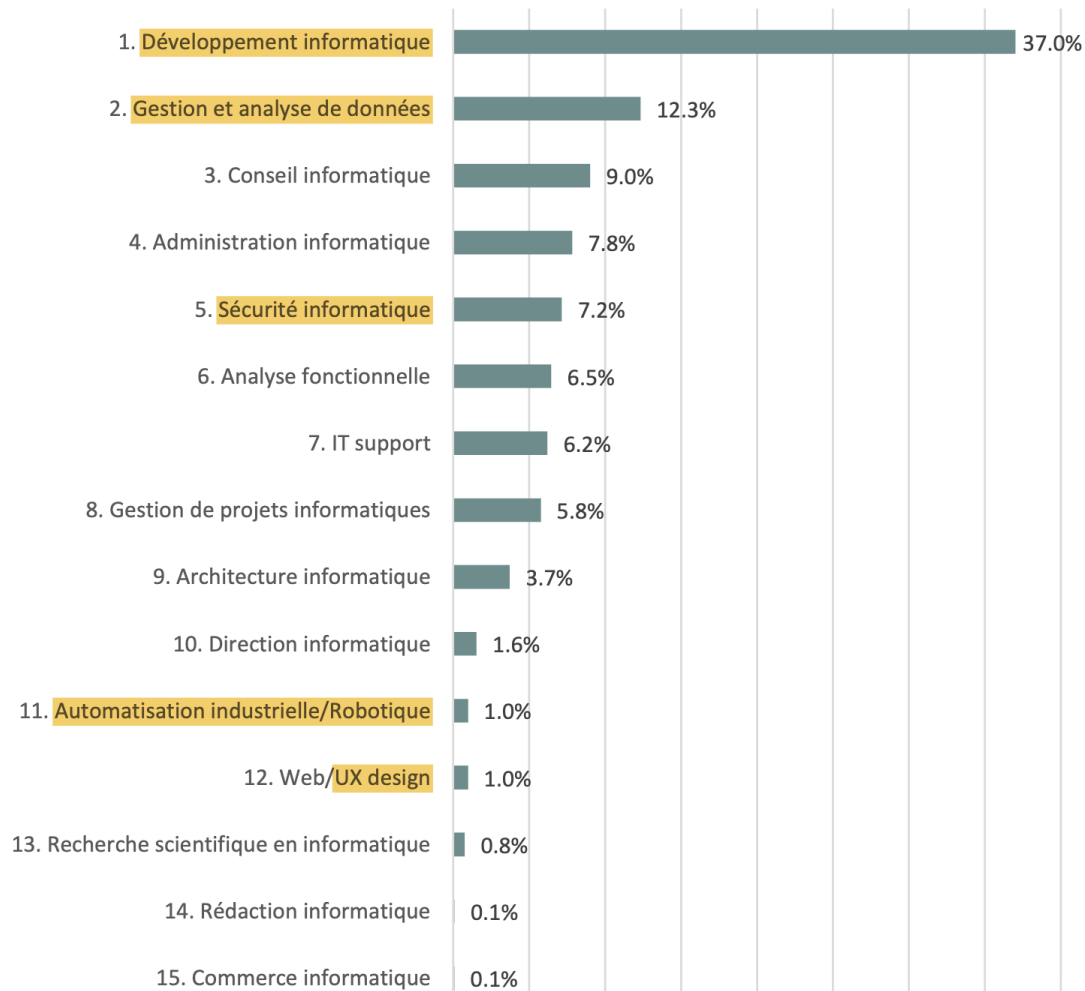
<https://www.infpc.lu/actualite/l-intelligence-artificielle-en-formation-professionnelle-continue>

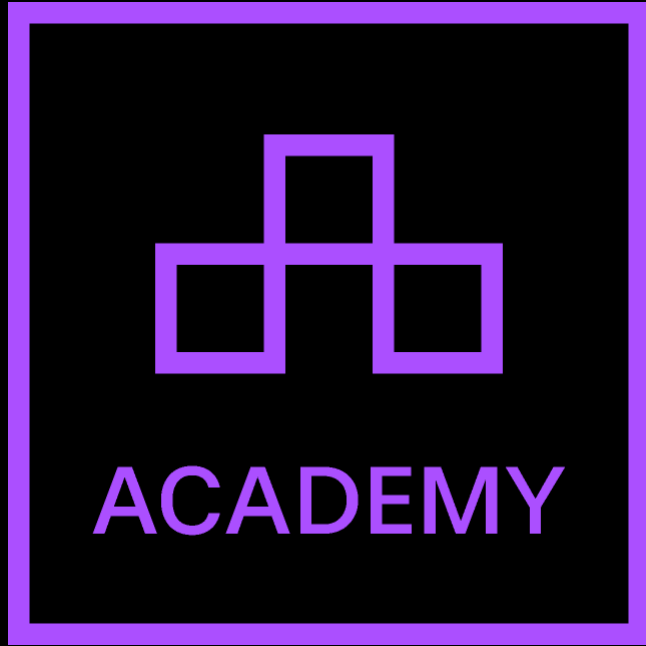


Étude sectorielle – Les métiers de l'informatique (2024)

<https://adem.public.lu/fr/publications/adem/etudes-sectorielles/informatique.html>

Répartition des postes déclarés entre catégories de métiers (2020 - 2022)





by

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