{BnF Artificial Intelligence

Roadmap 2021-2026

At the crossroads of expertises, the National Library of France regards itself as a privileged observatory, as well as a demanding institution and a catalyst, regarding evolutions made possible by artificial intelligence. A 5-year perspective is presented by the BnF's roadmap, closely related to its current projects and achievements. Much more than the conclusion of a thourough investigation and study, this roadmap sets in motion a whole institution and its ecosystem bound to evolve in the coming years.

Actions











Making Al challenges and projects a part of the Institution's

global strategy

2021

Improving

R&D organisation and implementation at the BnF

Developing new skills

Adapting infrastructure and data management

Designing a multi-year programme with other stakeholders

Milestones

Al strategy integrated into BnF's wider COP strategy (objectives and performance contract) (action 1A) International conference « Futurs

> First Al project ready for the industrial phase (action 3C)

Fantastiques »

(action 3B)

Services offer available for the DataLab infrastructure (action 4B)

Charter on ethical use of digital technologies and AI, with related indicators (action 1B)

2022

First partnerships with the DataLab (action 2C)

Seminars « les débats de la science » on Al (action 3B)

3 to 4 experimental projects running (action 3C)

2024 2023

advanced Al skills (action 3A)

members with

At least 10 staff

Launch of the multi-year Al programme (action 5B)

Global index for the elaboration, implementation and monitoring of R&D projects (action 2A)

15 to 20% of BnF staff aware of Al issues and technologies

Management plan for the evolution of skills and workforce (action 1B)

2025

New IT services plan (action 1C)

Map of BnF's data and governance scheme (action 4A)

Assessment of the DataLab network (action 2B)

2026

5 to 10 projects implemented as part of the multi-year Al programme (action 5B)

Projects from the multi-year programme

These projects fall under 5 fields:

- 1. Support to cataloguing activities
- 2. Collections management
- **3**. Searching, analysing content and improving access to content
- **4**. User engagement, putting content in perspective
- **5.** Decision-making and governance

Contact emmanuelle.bermes@bnf.fr

DECEMBER 2021

