

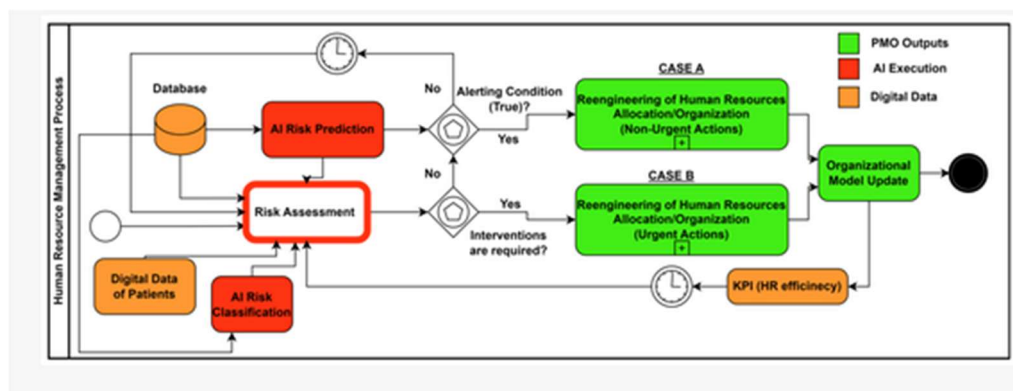
PROCESS MINING ORGANIZATION (PMO) MODELING AND HEALTHCARE PROCESSES

Process improvement in the healthcare sector is essential. Thanks to artificial intelligence, innovative technologies and the Process Mining Organization, processes are continuously improving. The Process Mining Organization, also known as PMO, is a tool that increases process management in the medical field, especially in hospitals. To complement this tool, business process modeling is also used. The approach of the latter tool makes it possible to recognize the various essential steps in hospitals through graphic symbols.

Process Mining organization and Business Process Modeling technologies are essential in the healthcare sector:

1. To help manage hospital employees (Figure 1).
2. To help warn patients in the event of a fall.
3. To help telemedicine change the way hospitals operate.

Figure 1 : BPNO-PMO dans le secteur des ressources humaines



This diagram shows process mining and business process modeling in the human resources industry. The interventions are short- and medium-term and are evaluated according to the risks estimated by artificial intelligence. Urgent actions represent box B while non-emergency actions represent box A. They are also classified by colors, for example, red signifies the risks assessed by AI, and orange represents the skills of human resources.