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## **Process Mining and Robotic Process Automation: A Perfect Match**

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### **KEY WORDS:**

Robotic process automation, Process Mining

The paper presents the rise of Robotic Process Automation (RPA) and Process Mining in everyday life.

First of all, robotic process automation (RPA) is a fast-developing approach that uses software robots to reproduce human tasks. It guarantees precision, enabling significant cost savings. And then we have, Process Mining facilitates digital transformation by identifying improvement potential linked to efficiency, speed and compliance. It also supports the detection of solution strategies and the selection of appropriate measures to implement these strategies.

The role of Process Mining: this process is data-driven. It enables us to analyze what is actually happening in processes, identifying undesirable patterns, bottlenecks and compliance issues.

This paper addresses the question: How can Process Mining help identify automation opportunities, benchmark robot performance, and monitor the impact of RPA initiatives?

This step is divided into 3 stages

RPA assessment: this stage identifies processes that are sufficiently standardized to benefit from RPA. Analyze current automation rates and detect automation opportunities.

RPA development: at this stage, use process mining to evaluate robot performance and compare with non-robotic processes.

Safeguarding the benefits of RPA: assess the impact of the RPA initiative on process performance KPIs, and use Process Mining to adjust robot behavior in line with changes in the business environment.

What are the best practices for a Successful RPA and Process Mining Symbiosis - First of all, have an appropriate use case selection, a good Standardization before automation to minimize process variations. Prioritize RPA activities according to available resources. Set up a central

coordination unit to draw up a global roadmap. Always monitor results for continuous improvement.

This article shows the successful combination of RPA and Process Mining. Shows that their combination is a good way to improve process efficiency, speed, agility and compliance.