Nirdizati: A Web-based Tool for Predictive Process Monitoring

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Abstract. In this paper, we present a prototype of a predictive process monitoring engine for process workers and operational managers. The developed solution, named *Nirdizati*, is a configurable full-stack web application that supports users in selecting the preferred prediction method from the list of implemented methods and enables the continuous prediction of various performance indicators at runtime. The results of the predictions, as well as the real-time summary statistics about the process execution, are presented in a dashboard that offers multiple visualization options. The target audience of this demonstration includes process mining researchers as well as practitioners interested in exploring the potential of process monitoring.

Keywords: Process Mining, Predictive Process Monitoring, Machine Learning

1 Introduction

2 Architectural Overview

3 User Interface

4 Conclusion

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