Analysis of DevOps Tools to Predict an Optimized Pipeline by Adding Weightage for Parameters

Authors:
R. Vaasanthi, V. Prasanna Kumari, S. Philip Kingston

Abstract

Now-a-days more than ever, DevOps [Development + Operations] has gained a tremendous amount of attention in software industry. Selecting the tools for building the DevOps pipeline is not a trivial exercise as there are plethora’s of tools available in market. It requires thought, planning, and preferably enough time to investigate and consult other people. Unfortunately, there isn’t enough time in the day to dig for top-rated DevOps tools and its compatibility with other tools. Each tool has its own pros/cons and compatibility of integrating with other tools. The objective of this paper is to propose an approach by adding weightage to each parameter for the curated list of the DevOps tools.

References

Analysis of DevOps Tools to Predict an Optimized Pipeline by Adding Weightage for Parameters


Index Terms

Computer Science  
Data Mining

Keywords

DevOps, SCM, dependencies, compatibility and pipeline