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(57) Abstract :
METHOD AND TECHNIQUES FOR MACHINE LEARNING OPERATIONALIZATION MANAGEMENT ABSTRACT The present invention discloses a novel method and system for machine learning operationalization management, addressing the challenges associated with deploying and maintaining machine learning models in operational environments. The innovation involves the dynamic generation of operationalization configurations based on metadata associated with machine learning models. These configurations encompass containerization, data preprocessing, and model serving specifications. The system further includes modules for deploying models, monitoring their performance, and automatically scaling resources based on real-time feedback. By leveraging this comprehensive approach, the invention enhances the efficiency, adaptability, and reliability of machine learning operationalization. This method facilitates seamless integration of diverse machine learning models into operational workflows, ensuring optimal performance and resource utilization. The disclosed invention represents a significant advancement in the field of machine learning deployment, offering a robust solution for organizations seeking streamlined operationalization management.

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