Patent Search

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Abstract:

Enhancing the Quality and Efficiency of Open-Ended Questions Evaluation using Predictive Optimization Techniques and Machine Learning is the proposed invention proposed invention focuses on studying the functions of Enhancing the Quality of Evaluation. The invention focuses on analyzing the parameters of analyze the Effici Open-Ended Questions Evaluation using algorithms of Predictive Optimization Techniques.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Predictive optimization is a type of automated decision-making that uses artificial intelligence to make predictions. It uses machine learning to identify pat past events and predict future outcomes. Predictive optimization is considered to be accurate, fair, and efficient. Predictive optimization technology is a universal te that implements decision making, planning and decisions (what should we do) based on prediction (what will happen) by means of artificial intelligence.
[0003] A number of different types of open-ended questionnaire analysis systems that are known in the prior art. For example, the following patents are provided supportive teachings and are all incorporated by reference.
[0004] Predictive model-based quality inspection using Machine Learning and Edge Cloud Computing: - The supply of defect-free, high-quality products is an impo success factor for the long-term competitiveness of manufacturing companies. Despite the increasing challenges of rising product variety and complexity and the n of economic manufacturing, a comprehensive and reliable quality inspection is often indispensable. In consequence, high inspection volumes turn inspection proce manufacturing bottlenecks. In this contribution, we investigate a new integrated solution of predictive model-based quality inspection in industrial manufacturing b utilizing Machine Learning techniques and Edge Cloud Computing technology. In contrast to state-of-the-art contributions, we propose a holistic approach comprisi target-oriented data acquisition and processing, modelling and model deployment as well as the technological implementation in the existing IT plant infrastructure industrial use case in SMT manufacturing is presented to underline the procedure and benefits of the proposed method. The results show that by employing the pr method, inspection volumes can be reduced significantly and thus economic advantages can be generated

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