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(57) Abstract :

ABSTRACT AN ARTIFICIAL INTELLIGENCE EMBEDDED SYSTEM APPROACH FOR CLASSIFICATION AND PERFORMANCE EVALUATION OF TEACHING ASSISTANT The present disclosure introduces artificial intelligence (AI) embedded system approach for classification and performance evaluation of teaching assistant designed to revolutionize educational quality assessment. It comprises of Data Management Module 102 ,Data Preprocessing Module 104, Feature Engineering Module 106,Natural Language Processing component 108 , Machine Learning Module 110, Ensemble Learning Module 112, AI-Powered Processor 114, Memory Unit 116 and User Interface 118. The system does not merely focus on educational technology; it also intersects with the realms of data science, machine learning, and NLP.

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