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## AI's Role in Enhancing the Construction of Regional Primary and Secondary School Teachers

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**This paper investigates and analyzes the current situation of regional teaching staff and explores the path of AI in enhancing the construction of primary and secondary school teachers. Recent state documents have emphasized the urgent need for AI to improve teaching staff development. The study reveals issues in the construction of primary and secondary school teachers' teams in teaching, management, and training. For instance, classroom teaching is limited by time and space, making it difficult to achieve personalized learning for students and differentiated teaching for teachers. Teacher training lacks individual and group diagnosis, which does not consider teacher individuality, differences, and hierarchy. The evaluation of teachers in regional management and service tends to be subjective, and the awareness and application of data are inadequate. The study proposes addressing these problems by building and applying teacher big data, developing an AI assistant for teachers, and upgrading the quality of teaching intelligent monitoring systems. The proposed measures aim to promote high-quality development of regional teaching staff by establishing the main path for AI to enhance the construction of primary and secondary school teachers.**

### Keywords

Artificial Intelligence, the Construction of Teachers, Primary and Secondary School

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