

Building a personalized nutrition assistant system using artificial intelligence

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Abstract: In the context of increasing community awareness of nutritional health, this topic focuses on the necessity of building a personalized nutrition assistant system based on artificial intelligence (AI). The main objective is to develop this system to address the problem of providing nutritional information tailored to each individual's needs and lifestyle. The research methodology includes both building an AI model and conducting experimental applications on real data. The expected outcome is not only an effective system but also one that can make a significant contribution to the field of community healthcare.

Keywords: nutrition assistant, artificial intelligence (AI), personalized system, nutritional health, technology application