

Research on deploying cloud computing technology in IoT data storage

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Abstract: In the context of increasingly prevalent digitalization and automation, this topic focuses on researching and implementing a data storage solution for the Internet of Things (IoT) through cloud computing technology. The project aims to build an efficient system to optimize the processing and management of data from IoT devices. The approach includes assessing the current status, identifying specific requirements, designing, and deploying a trial application on a cloud computing platform. The project expects to provide a reliable solution with scalability, contributing to the development of IoT technology in practice.

Keywords: cloud computing, IoT, data storage, efficient system, data management