



12/12/2023

The first part of the project was to design a system that could handle the large amount of data generated by the sensors. We decided to use a distributed system architecture, where the data is processed in parallel across multiple servers. This allowed us to scale the system as needed and ensured that the data was processed in a timely manner.



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The second part of the project was to develop the algorithms that would process the data. We used machine learning techniques to identify patterns in the data and predict future events. This allowed us to detect anomalies and take corrective action before a problem occurred.

The final part of the project was to deploy the system to the construction site. We installed the sensors and the processing servers, and we trained the machine learning models on the data generated by the sensors. The system is now in operation and has successfully detected and predicted several events.