UNIVERSITY OF WESTMINSTER⌗

INFORMATICS INSTITUTE OF TECHNOLOGY

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ELEVATE

Automating Elevator Service Improvement Using Maine Learning

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Abstract

Elevator control units installed all around the world solve the horizontal transportation problems faced. The elevator installed don't have the capability to learn the environment which it's installed in and understand the specific usage patterns they are put through using the data collected for trouble shooting but negate to use it to improve the system. Machine learning techniques which has been available for a few decades now can simply running in smaller hardware can analyze the data collection and forecast how the next workflow may occur.

The recent years improved machine learning theories don't require Familiarity of it to be implemented. Using machine learning to notice behaviors which occur in the control unit and trigger certain event to reduce the users stress while using the platform is the main ideology of this system.