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Anomaly Detection System using Machine Learning Algorithms

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Abstract: *The "Anomaly Detections Systems" is a advanced web application created to upgrade framework security and execution observing through machine learning strategies. This application, highlighting a strong login and dashboard interface for clients, empowers real-time location and examination of peculiarities inside complex frameworks. By leveraging progressed machine learning calculations, the framework can distinguish abnormal designs and behaviors that go astray from built up standards, subsequently giving early notices of potential issues or breaches. The user-friendly dashboard offers comprehensive bits of knowledge and visualizations, permitting directors to screenframework wellbeing and execution proficiently. Clients can get to point by point reports and real-time alarms, encouraging incite examination and reaction to recognized peculiarities. This proactive approach to framework observing not as it were improving security by recognizing potential dangers some time recently they heighten but moreover makes strides generally framework unwavering quality and execution. The integration of machine learning guarantees nonstop change and adjustment to advancing dangers and operational conditions. This venture underscores the basic part of innovation in keeping up vigorous and secure frameworks, exhibiting the potential of machine learning in proactive framework administration and irregularity location*

Keywords: Anomaly Detections Systems