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<i>Paper Title</i>	A Review on AI and Machine Learning Based Approaches for Cybersecurity Threat Detection
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<i>Abstract &amp; Keyword</i>	<p><i>Abstract</i></p> <p><i>In order to reverse the trend of decreasing ridership, changes to how cities organize their communities and transit systems need to take place. Part of these efforts include improving information systems operated by transit agencies through artificial intelligence and other means to aid operators in the decision-making process and help riders be better informed of any changes to their commute. The data collection module is transformed from an active process of limited observations to a passive process capable of capturing all of the available data a transit operator has available. The feature extraction module evolves from a sequential process involving the combination and pre-processing of tabular data into a module capable of generating datasets from hierarchical time-series data streams at a rate of thousands of records per second. This technique would allow feature generation to participate as part of the fine-tuning process. Finally, the evaluation module introduces new standards for evaluating public transit models by proposing visualizations and test sets based on routes and times rather than a single-value performance metric. The module also proposes the use of shifting binary classification techniques to provide a easier-to-understand insights in model performance.</i></p> <p><i>Keyword :- Machine Learning, Cybersecurity, Threat Detection, AI, Network Security.</i></p>
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