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Intrusion detection in water distribution systems using machine learning techniques: A survey

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Abstract:

Water distribution systems (WDS) are designed to supply potable water to businesses, industries and people in any area or location. Cyber-Physical systems (CPS) are used in water distribution systems and come with aided benefits, however, these systems are exposed to intruders who attack these systems for their own personal gain or to sabotage the system. There are a number of different techniques which are available to stop intruders from penetrating these systems and this paper discussed different machine learning techniques that can detect anomalies and as a result stop any potential intrusion.