Pengembangan sistem pengawasan aplikasi menggunakan Event Driven Architecture dan Machine Learning: Studi kasus PT XYZ = Application monitoring system development using Event Driven Architecture and Machine Learning: A case study of PT XYZ / Ari Hermawan

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Abstrak

[ABSTRAK
Perkembangan sistem informasi saat ini menyebabkan sistem informasi yang digunakan dalam sebuah organisasi terus bertambah dan semakin kompleks. Hal ini juga memunculkan fenomena meningkatnya jumlah data yang diolah dan dihasilkan oleh sistem informasi. Kondisi ini membawa tantangan baru dalam pengawasan operasional sistem informasi, seperti keterlambatan peringatan kesalahan atau membanjirnya jumlah peringatan yang tidak tepat sasaran. Penelitian ini bertujuan membangun sebuah sistem pengawasan aplikasi pada sistem informasi di PT. XYZ menggunakan Event Driven Architecture dan Machine Learning. Pengembangan ini menggunakan perangkat lunak R dan TIBCO StreamBase.
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ABSTRACT
Advancement in information system nowadays has generated more quantities and complexities of an organization?s information system. This fact also leads to a phenomenon of the increase of data volume being processed and also generated by any information system. This condition has brought a new challenge in the operation and monitoring of the information systems, such as delays in failure alert and also floods of incorrect alerts.
This research aims to build a monitoring system for applications in the PT. XYZ information systems, using Event Driven Architecture and Machine Learning techniques. This development is done using R software and also TIBCO StreamBase. , Advancement in information system nowadays has generated more quantities and complexities of an organization’s information system. This fact also leads to a phenomenon of the increase of data volume being processed and also generated by any information system. This condition has brought a new challenge in the operation and monitoring of the information systems, such as delays in failure alert and also floods of incorrect alerts.
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