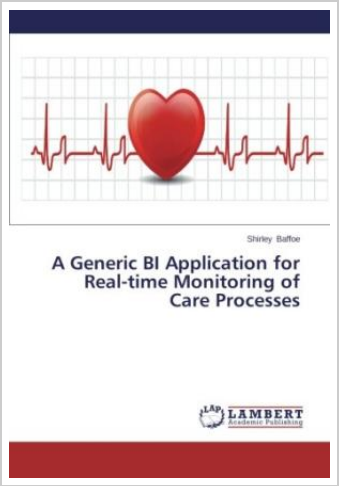

A Generic BI Application for Real-time Monitoring of Care Processes

By Baffoe, Shirley

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Proper management of patient wait times and service times may support smarter and proactive decisions in managing patient flow. Those decisions usually impact on resource allocation and hospital process management. For example, how can the hospital know where to provide more staff to reduce the increased wait times in the hospital? Given that additional resource allocation comes with increased cost and there are competing priorities, the hospital decision makers need to determine which course of action is the most appropriate one to take. Decisions made based on information within a departmental silo may not be the optimal one. Such decisions may only transfer the patient flow bottleneck to another department. In this thesis, we propose a state monitoring engine (SME) for inferring and managing states that is an improvement over traditional CEP approaches. Our proposed engine is based on an application meta-model for care process monitoring developed by (Baarah & Peyton, 2012). In addition, to inferring and managing states, the SME dynamically populates a real-time data warehouse for care process monitoring by mapping the events and inferred states into an Online Analytical Process | Format: Paperback | Language/Sprache: english | 152 pp.

Reviews

A must buy book if you need to adding benefit. It can be rally interesting throgh looking at period of time. Its been designed in an remarkably simple way and it is only after i finished reading this publication by which in fact altered me, modify the way i believe.

-- ***Ms. Julie Huels***

The most effective publication i ever study. I am quite late in start reading this one, but better then never. You wont sense monotony at whenever you want of your time (that's what catalogs are for concerning in the event you ask me).

-- ***Prof. Erin Larson I***