Analytics for Hospital's Health Care-Data

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LITERATURE SURVEY:

TITLE	AUTHOR	ALGORITHM	ADVANTAGES	DISADVANTAGES
Analysis for Hospital's Health Care-Data	Mohammad Ahmad Alkhatib Amir Talaei-Khoei Amir Hossein Ghapanchi	Data Analytics	It will promise to leverage the amount of healthcare data properly,since doctors and nurses will be able to determine diseases and risks easily like certain types of cancer,diabetes and blood pressure,as well as provide needed treatment at the right time.Identifying risks early and mitigating them as much as possible.	Here,OLTP systems are used and it faces hardware failures,then online transactions get severely affected.OLTP systems allow multiple users to access and change the same data at the same time,which many times creates an unprecedented situation.
Big Data Analytics in Healthcare	Ismail Brahim Abbo Dr. Suchithra R	Big Data Analytics	Relative efficacy research to determine more clinically pertinent and cost-effective ways to diagnose and care for patients. Faster development of more correctly targeted vaccines, example of choosing the annual influenza strains;	Big data analytics have been quite helpful in healthcare industries in offering quality and efficient healthcare delivery in the areas of preventing diseases, predicting medical outcomes, reducing medical errors, and boosting all aspects of healthcare.
Big data Analytics in healthcare	Cheryl Ann Alexander	Linear regression	In recent years, healthcare management worldwide has been changed from a disease-centered model to a patient-centered model, even in a value-based healthcare delivery model . In order to meet the requirements of this model and provide effective patient-centered care, it is necessary to manage and analyze healthcare data.	Traditional privacy and security measures work on small datasets; capability to use the same measures on massive and streaming datasets is possibly a problem, particularly when dealing with a patient's health data. It affects reliable insights from the data and decision-making for patients' healthcare.

Big data in healthcare: management, analysis and future prospects	Sabyasachi Dash Sushil Kumar Shakyawar	Artificial intelligence (AI) algorithms and Novel Fusion algorithms	The use of big data from healthcare shows promise for improving health outcomes and controlling costs. In the context of healthcare data, the data collected using the sensors can be made available on a storage cloud with pre-installed software tools developed by analytic tool developers.	Patients may or may not receive their care at multiple locations. In the former case, sharing data with other healthcare organizations would be essential. During such sharing, if the data is not interoperable then data movement between disparate organizations could be severely curtailed. This could be due to technical and organizational barriers.