**LITERATURE SURVEY ON DATA ANALYTICS IN HOSPITAL HEALTH CARE**

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| **TITLE** | **AUTHOR** | **ALGORITHM** | **ADVANTAGE** | **DISADVANTAGE** |
| Big data analytics in hospital health care | Ashwin Belle  Raghuram  Thiagarajan  S. M. Reza Soroushmehr | Data analytics | Leverage legions of disparate ,structured and unstructured data sources is going to play a vital role in health care | Have patents to some of the methodologies surveyed in this paper |
| The role of big data analysis in hospital management system | Dhivyalakshmi.S | Data analytics | Helpful in tracing and handling the population health more competently and successfully  It improves the ability to deliver preventive care  Four main security models approach was introduced | Prevent the credential users from misusing the system  Prevent credential users from observing and altering the information stored in clusters |
| Big data analytics solution to healthcare | Manpreet Singh | Data analytics | It discusses the usefulness of application of big data analytics using patient care dataset for better insight in care coordination ,health management and patient engagement . | There is a lot of big data flowing which includes genomics, remote sensing , social media, mobile app and many other data types.  Issues such as data integrity ,privacy lead to poor data management privacy violation and discrimination |
| Big data analytics in medical engineering and healthcare | Lidong Wang  Cherly Ann Alexander | Health care Analysis | Big data analytics used in large scale genetics studies, public health, personalised and precision medicine and also for new drug development | All data in database doesn’t come from somewhere with data governance habits |