1. **Australasian Conference on Information Systems Al Khatib et al 2015, Sydney**

The main aim of this paper is to provide a deep analysis on the research field of healthcare data analytics., as well as highlighting some of guidelines and gaps in previous studies. This study has focused on searching relevant papers about healthcare analytics by searching in seven popular databases such as google scholar and springer using specific keywords, in order to understand the healthcare topic and conduct our literature review. The paper has listed some data analytics tools and techniques that have been used to improve healthcare performance in many areas such as: medical operations, reports, decision making, and prediction and prevention system.

2. **Big data analytics in healthcare: promise and potential**

Wullianallur Raghupathi and Viju Raghupathi

The paper describes the nascent field of big data analytics in healthcare, discusses the benefits, outlines an architectural framework and methodology, describes examples reported in the literature, briefly discusses the challenges, and offers conclusions. Big data analytics has the potential to transform the way healthcare providers use sophisticated technologies to gain insight from their clinical and other data repositories and make informed decisions. In the future we'll see the rapid, widespread implementation and use of big data analytics across the healthcare organization and the healthcare industry. To that end, the several challenges highlighted above, must be addressed. As big data analytics becomes more mainstream, issues such as guaranteeing privacy, safeguarding security, establishing standards and governance, and continually improving the tools and technologies will garner attention. Big data analytics and applications in healthcare are at a nascent stage of development, but rapid advances in platforms and tools can accelerate their maturing process.

3. **Big Data in Supply Chain Management and Medicinal Domain Aniket Nargundkar and Anand J.Kulkarni : Year 2019**

This paper presents the fundamental and conceptual overview of big data describing its characteristics. There are Supply Chain (SC) and Medicinal industries. Under SC domain, data generation process is explained. The difference between big data and traditional analytics is significantly noted. Landscape of SC is described with specific case studies in central areas of application. The typical big data platforms used in supply chain are elaborated with comparison. Prominent platform NoSQL is used comprehensively. Contemporary methodologies of big data analytics in supply chain are stated. The

overall process of bigdata analytics from data generation till data results visualization is exemplified. Upcoming trends of big data analytics with wearable or implanted sensors is explicated.

4. **Transforming Healthcare with Big Data Analytics and Artificial Intelligence: A Systematic Mapping Study**

Nishita Mehta, Anil pandit and Sharvari Shukla : Year 2019

The current study performs a systematic literature review (SLR) to synthesise prior research on the applicability of big data analytics (BDA) in healthcare. The SLR examines the outcomes of 41 studies, and presents them in a comprehensive framework. The findings from this study suggest that applications of BDA in healthcare can be observed from five perspectives, namely, health awareness among the general public, interactions among stakeholders in the healthcare ecosystem, hospital management practices, treatment of specific medical conditions, and technology in healthcare service delivery. This SLR recommends actionable future research agendas for scholars and valuable implications for theory and practice.

5. **Big Data Analytics for Healthcare Industry: Impact, Applications, and Tools.**

Sunil Kumar and Maninder Singh : Year 2019

The health industry sector has been confronted by the need to manage the big data being produced by various sources, which are well known for producing high volumes of heterogeneous data. Various big-data analytics tools and techniques have been developed for handling these massive amounts of data, in the healthcare sector. In this paper, we discuss the impact of big data in healthcare, and various tools available in the Hadoop ecosystem for handling it. We also explore the conceptual architecture of big data analytics for healthcare which involves the data gathering history of different branches, the genome database, electronic health records, text/imagery, and clinical decisions support system.