

IDEATION PHASE

Literature Survey

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID47062 |
| Project Name | Analytics For Hospitals Health-Care Data |
| Maximum Marks | 4 Marks |

| S.no. | Title | Author | Year of publication | Problem identification | Techniques used | Drawbacks |
|-------|---|-----------------------|---------------------|---|-------------------------|--|
| 1. | Current practices in clinical Analytics: A hospital survey. | Dana Womack, et, al., | June 2012 | The purpose was to better understand current practices, capabilities and challenges related to Clinical data analytics. | machine learning | lack of organisational alignment and or strategy for data analysis as a challenge Lack of standardized methods and electronic tools. |
| 2. | Healthcare Analytics in the Modern era. | Waseem Afshar. | July 2021 | designed due to the solution of complex problems such as health disparities. | Artificial Intelligence | unable to read the following documents for the help in using the documents of power of the public in the world |

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| 3. | A review of secure and privacy - preserving | Hao Jinn, Yan Luo, et, al., | May 2019 | The cyber infrastructure boundaries of health care organisations and privacy leakage threats place | block chain, Cryptography, HITECH computerized order entry. | potential proprietary/data plagiarism issues Higher Risk of files Being shared publicly |
| | medical data sharing. | | | obstacles on the g sharin of medical records. | | |
| 4. | Health Big Data Analytics: A Technology survey | Jong Wouk Kim | October 2018 | The system should not only be able to help to the provision of a successful and timely care by recommending a practical diagnosis. | Machine learning | For data mining, no single algorithm provides a fit-all solution to health data. |
| 5. | A systematic review of health care big data. | Rakesh Raja, et, al., | July 2020 | Analysing different perspectives about the concept of big data in healthcare Exploring the origins of healthcare big data Identifying tools and techniques for healthcare big data Analytics. | Machine learning Systematic Literature Review (SLR) Method. | lots of big data is unstructured It can be used for manipulation of customer records |
| 6. | Big data analytics solution for intelligent health care management. | Alejandro Bal dominos, et.al., | March 2017 | The users to help able to see understand the valuable information provided by data care , the visual analytics. | Apache spark, Mongo DB. | Big data can also pose risk and undermine pose doctors. |

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| 7. | Healthcare analytics in Era: A survey. | Mohammad zunnunkhan, et.al., | March 2019 | It helps new data and nt. security models for measuring security & quality of data using health care environme | Machine learning | Data sets can gain unwanted attention from hackers and important information can be leaked to competitors. |
| 8. | A survey on Data mining approaches for health care. | Divya Tomer, et.al., | October 2013 | Data mining offers novel information regarding health care helpful for making administrative as well as prediction of disease, selection of treatment, health insurance policy. | classification, clustering, association, regression in health domain | Decision regarding selection of merge of split point. Once a decision is made it cannot be |
| 9. | Big- Data Analytics for IoT Enabled Smart Healthcare System. | Syed Rooh Ullah Jan. | January 2021 | Security Optimization, Implementing and testing on real world patients. | Machine learning | Precision, Interoperability. Real time, Single Drabacks subject, Low accuracy. |

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| 10. | Influential Usage of Big Data and Artificial Intelligence in Healthcare. | Sadia Khan, et, al., | September 2021 | users of the machines do not have enough knowledge on using the technologies/machines | Apache spark, Mongo DB. | have sufficient data and knowledge about machines and technology. |
| 11. | A Framework for Data Analytics-Based Healthcare Systems. | V.Muneeswaran, et.al., | February 2021 | Data analytics is becoming a future escalating tool of all industries including medicine, robotics, etc., | generic XML | the term data is unavoidable and certainly, nothing is possible without its usage. |

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| 12. | A Framework for Pandemic Prediction Using Big Data Analytics | Imran Ahmed, et.al., | January 2021 | the novel coronavirus pandemic (COVID-19) outbreak is seriously threatening human health. | machine learning | prescriptive analysis applying big data analytics using a novel disease real data set, focusing on different pandemic symptoms. |
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