LITERATURE SURVEY

Analytics for Hospital’s Health-Care Data

TECHNOLOGY - Data Analytics TEAM ID – PNT2022TMID37684

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| s.no. | title | author | Year of publication | Problem identification | Techniques used | drawbacks |
| 1. | Analysis of Health-care big data | Zhihan Lv, Et .al., | March 2020 | Hospitalization cost, and the insured population all show a trend of increasing year by year | [Hadoop](https://www.sciencedirect.com/topics/computer-science/hadoop) | the hospitalization costs show a trend of increasing year by year in recent years. |
| 2. | A Framework for Data Analytic s- Based Healthcar  e Systems | [V.Muneeswaran,](https://link.springer.com/chapter/10.1007/978-981-15-9651-3_7#auth-V_-Muneeswaran)  Et . al., | [February](https://link.springer.com/chapter/10.1007/978-981-15-9651-3_7#chapter-info) [2021](https://link.springer.com/chapter/10.1007/978-981-15-9651-3_7#chapter-info) | 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. |
| 3. | A Framework | ImranAhmed, | January 2021 | the novel corona | machine learning | prescriptive |
|  | for Pandemic | et.al., | virus pandemic | analysis |
|  | Prediction |  | (COVID-19) outbreak | applying big |
|  | Using Big Data |  | is seriously | data analytic |
|  | Analytics |  | threatening human | using a novel |
|  |  |  | health. | disease real |
|  |  |  |  | data set, |
|  |  |  |  | focusing on |
|  |  |  |  | different |
|  |  |  |  | pandemic |
|  |  |  |  | symptoms. |
| 4. | Big- Data Analytics for | Syed Rooh Ullah Jan. | January 2021 | Security Optimization, Implementing and | Machine learning | Precision, Interoperable. |
|  | IoT- Enabled |  |  | testing on real world |  | Real time, Single |
|  | Smart Health |  |  | patients. |  | Drawback |
|  | care |  |  |  |  | subject, Low |
|  | System |  |  |  |  | accuracy. |
| 5. | Influential Usage of Big | Sadia Khan, et,al., | September 2021 | users of the machines do not have enough | Apache spark, Mongo DB. | have sufficient data and |
|  | Data and |  |  | knowledge on using the |  | knowledge |
|  | Artificial |  |  | technologies/machines. |  | about machines |
|  | Intelligence in |  |  |  |  | and |
|  | Healthcare. |  |  |  |  | technology. |
| 6. | Big Data Analytics Framework for Opinion Mining of Patient Health Care Experience | G. Sabarmathi, et,al., | March 2020 | Preciously administration might be able to acknowledge the crucial decision making process where the new investigations would be accounted for different research  avenues. | Hadoop | The huge amount of data derived from this humongous volume of information |

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| 7. | Healthcare Analytics in the Modern era. | Waseem Afsar. | 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 |
| 8. | Roles of  Innovation | Surajit bag,et,al., | August 2021 | Our structural equation  modeling analysis using | machine  learning | we argue that  the role of |
|  | Leadership on |  |  | the partial least |  | innovative |
|  | Using Big Data |  |  | squares (PLS) method |  | leadership in the |
|  | Analytic to |  |  | revealed that BDA |  | COVID-19 |
|  | Establish |  |  | capabilities play a |  | pandemic |
|  | Resilient |  |  | pivotal role in building |  | situation is |
|  | Health care |  |  | a responsive HSC and |  | critical as it |
|  | Supply Chains |  |  | improving innovation. |  | indirectly affects |
|  | to Combat the |  |  |  |  | HSC resilience |
|  | COVID-19  Pandemic. |  |  |  |  | when BDA is in place. |
| 9. | A systematic | Rakesh | July 2020 | Analyzing different | Machine | lots of big data |
|  | review of | Raja, Et,al., |  | perspectives about the | learning | is unstructured |
|  | health care big |  |  | concept of | Systematic | It can be used |
|  | data. |  |  | big data in health care | Literature | for manipulation |
|  |  |  |  | Exploring the origins of | Review (SLR) | of customer |
|  |  |  |  | Health care big data | Method. | records |
|  |  |  |  | Identifying tools and |  |  |
|  |  |  |  | techniques for |  |  |
|  |  |  |  | Health care big data Analytics. |  |  |