**IBM PROJECT**

### Analytics for Hospitals Health-Care Data

**TEAM ID:**

**IDEATION PHASE(WEEK-2)**

**LITERATURE SURVEY**

| **S.NO** | **PAPER** | **AUTHOR** | **YEAR** | **PROPOSED METHODS AND ALGORITHMS** |
| --- | --- | --- | --- | --- |
| 1 | Exploring big data analytics in health care | T.Ramesh,  V.Santhi | 2020 | Naive Bayes and Support Vector Machine (SVM) techniques |
| 2 | Emerging trends in IoT and big data analytics for biomedical and health care technologies | Amit Banerjee,  Chinmay Chakrabothy,  Anand Kumar,  Debabrata Biswas | 2021 | Linear Regression.  Logistic Regression.  Decision Tree.  Naive Bayes. |
| 3 | Analysis of the role and scope of big data analytics with IoT in health care domain | Sushruta Mishra,  Brojo kishore Mishra,  Hrudaya kumar Tripathy,  Arijit Dutta | 2020 | Support Vector Machine (SVM), Logistic Regression, Naïve Bayes**,** Artificial Neural Network (ANN) and Support Vector Machine (SVM) techniques |
| 4 | A Comprehensive Survey on Machine Learning-Based Big Data Analytics for IoT-Enabled Smart Healthcare System | [Wei Li](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Wei-Li),  [Yuanbo Chai](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Yuanbo-Chai),  [Fazlullah Khan](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Fazlullah-Khan),  [Syed Rooh Ullah Jan](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Syed_Rooh_Ullah-Jan),  [Sahil Verma](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Sahil-Verma),  [Varun G. Menon](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Varun_G_-Menon),  [Kavita](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth--Kavita) &  [Xingwang Li](https://link.springer.com/article/10.1007/s11036-020-01700-6#auth-Xingwang-Li) | 2021 | The proposed framework detects the pulse waveforms using a specially designed WiFi equipped board, which forwards the data to a pre-defined server.  It is evaluated by applying various ML techniques such as SVM and logistic regression |
| 5 | Big data analytics for preventive medicine | [Muhammad Imran Razzak](https://link.springer.com/article/10.1007/s00521-019-04095-y#auth-Muhammad_Imran-Razzak),  [Muhammad Imran](https://link.springer.com/article/10.1007/s00521-019-04095-y#auth-Muhammad-Imran) &  [Guandong Xu](https://link.springer.com/article/10.1007/s00521-019-04095-y#auth-Guandong-Xu) | 2019 | state-of-the-art data analytics algorithms used for classification of disease, clustering (unusually high incidence of a particular disease), anomalies detection (detection of disease) and association |