**Literature Survey:**

Prepare below table after reading and analysing IEEE Papers:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Title of Paper** | **Name of Authors** | **Published Year** | **Remarks / Findings** |
| 1 | Distantly Supervised Lifelong Learning for Large-Scale Social Media Sentiment Analysis | Rui Xia, Jie Jiang, and Huihui He | OCTOBER-DECEMBER 2017 | 1. Distant Supervision of sentiment Analysis 2. Lifelong Learning Approach 3. Scalability & Efficiency 4. Evaluation Metrics 5. Application & Implications |
| 2 | Anomaly Detection through Enhanced Sentiment  Analysis on Social Media Data | Zhaoxia WANG, Victor Joo Chuan TONG, Xin XIN | 2014 | 1. Enhance sentiment analysis 2. Social media data 3. Evaluation and validations |
| 3 | Sentiment Analysis of Twitter Data | Apoorv Agarwal ,Boyi Xie, Ilia Vovsha, Owen Rambow, Rebecca Passonneau | 23 June 2011 | 1. Data source 2. Feature Extraction 3. Evaluation 4. Challenges and Limitations 5. Applications |
| 4 | Twitter Sentiment Classification using Distant Supervision | Alec Go, Richa Bhayani, Lei Huang |  | 1. Sentiment classification 2. Feature engineering 3. Existing state of the art techniques |
| 5 | Study of Machine learning based Social Media and Sentiment analysis for medical data applications | R.Meena,Dr.V.Tulsai Bai | 26 May 2020 | 1. Social Media Data in Healthcare 2. Sentiment Analysis in Healthcare 3. Machine Learning Techniques 4. Challenges and considerations 5. Future directions |
| 6 | Combining Lexicon-based and Learning-based Methods for Twitter  Sentiment Analysis | Lei Zhang, Riddhiman Ghosh, Mohamed Dekhil, Meichun Hsu, Bing Liu | 21 June 2011 | 1. Hybrid approach 2. Sentiment Lexions 3. Machine Learning algorithms 4. Integrations of methods |
| 7 | Aspect-level Sentiment Analysis for Social Media  Data in the Political Domain using Hierarchical  Attention and Position Embeddings | Renny Pradina Kusumawardani, Muhammad Wildan Maulidani | 26 October 2020 | 1. Aspect level sentiment analysis 2. Social media data 3. Hierarchical attention 4. Position embeddings 5. Evaluation |
| 8 | Multilingual Sentiment Analysis  on Social Media Disaster Data | Muhammad Jauharul Fuady, Roliana Ibrahim | 26 May 2020 | 1. Challenges in Disaster Management 2. Multilingual Data collection 3. Sentiment analysis Techniques 4. Hierarchical Attention and Position Embeddings |
| 9 | Deep Learning for Automated Sentiment Analysis of Social Media | Li-Chen Cheng, Song-Lin Tsai | 27-30 August 2019 | 1. Social Data Preprocessing 2. Deep learning Architectures for sentiment analysis 3. Feature extraction and representation learning 4. Training and Optimization 5. Performance Benchmarking |
| 10 | TagNet: Toward Tag-based Sentiment Analysis of Large Social Media Data | Yang Chen | 2018 | 1. Challenges in Analyzing Large Social Media Data 2. TagNet Framework 3. Tag-based Feature Extraction 4. Sentiment classification using Tags |
| 11 | Robust Sentiment Detection on Twitter from Biased and Noisy Data | Luciano Barbosa, Junlan Feng | August 2010 | 1. Challenges with Biased and Noisy Data 2. Robust Sentiment Detection Framework 3. Feature engineering and Selection 4. Machine Learning Models for Sentiment Detection 5. Evaluation on real world data |

Focus on below parameters for remark column:

Extract data based on **methodology, algorithms, advantages, disadvantages, applications..**

**(Remarks: It will include all the points that you understand from the paper. Such as methodology, algorithms, advantages, disadvantages, applications, etc.)**

**Recent 3 to 5 years…..**

**Minimum 10-15 papers are expected to be reviewed.**