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| Paper Name | Author Name | Year | Problem addressed | Technique for problem addressed | feature engineering/feature selection | Evaluation/  Visualization parameter | Values of evaluation parameter | Dataset Name | Dataset Rows and columns |
| Comparative Study of Binary Classification Methods to Analyze a Massive Dataset on Virtual Machine | Neelam Naika , Seema Purohit | 2017 | Sentiment Analysis | SVM, Logistic Regression, Naïve Bayes. | Weka tool, Simple CLI | Confusion Matrix | Precision, Recall,F- measure | Not mentioned | Not mentioned |
| The Use of Principal Component Analysis and Logistic Regression in Prediction of Infertility Treatment Outcome | Anna Justyna Milewska , Dorota Jankowska , Dorota Citko , Teresa Więsak , Brian Acacio , Robert Milewski | 2014 | Sentiment Analysis | PCA, Logistic Regression | Statistica Data Miner, STATA 12.0 | ROC | AUC | Application of PCA in Medical Science, Pregnancy Prediction | Not mentioned |
| An application of principal component analysis and logistic regression to facilitate production scheduling decision support system: An automotive industry case | Mehrjoo, Saeed; Bashiri, Mahdi | 2014 | Sentiment Analysis | Logistic regression, validaton |  | Goodness-of-fit tests, Measures of association | The comparison of DSS method accuracy |  | Not mentioned |
| Dimensionality Reduction: A Comparative Review | L.J.P. van der Maaten , E.O. Postma, H.J. van den Herik | 2008 | Sentiment Analysis | KNN, PCA , MVU |  |  |  | Broken swiss roll dataset, HD dataset | Not mentioned |
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