















- [12] M. Alloghani *et al.*, "Implementation of machine learning algorithms to create diabetic patient re-admission profiles," *BMC Med. Inform. Decis. Mak.*, vol. 19, no. Suppl 9, pp. 1–16, 2019, doi: 10.1186/s12911-019-0990-x.
- [13] A. Hammoudeh, G. Al-Naymat, I. Ghannam, and N. Obied, "Predicting hospital readmission among diabetics using deep learning," *Procedia Comput. Sci.*, vol. 141, pp. 484–489, 2018, doi: 10.1016/j.procs.2018.10.138.
- [14] J. C. Ramírez and D. Herrera, "Prediction of Diabetic Patient Readmission Using Machine Learning," *Commun. Comput. Inf. Sci.*, vol. 1096 CCIS, pp. 78–88, 2019, doi: 10.1007/978-3-030-36211-9\_7.
- [15] Sarthak, S. Shukla, and S. Prakash Tripathi, "Embpred30: Assessing 30-days readmission for diabetic patients using categorical embeddings," *Adv. Intell. Syst. Comput.*, vol. 1168, pp. 81–90, 2021, doi: 10.1007/978-981-15-5345-5\_7.
- [16] C. I. Ossai and N. Wickramasinghe, "Intelligent therapeutic decision support for 30 days readmission of diabetic patients with different comorbidities," *J. Biomed. Inform.*, vol. 107, no. June, p. 103486, 2020, doi: 10.1016/j.jbi.2020.103486.
- [17] B. Strack *et al.*, "Impact of HbA1c measurement on hospital readmission rates: Analysis of 70,000 clinical database patient records," *Biomed Res. Int.*, vol. 2014, 2014, doi: 10.1155/2014/781670.
- [18] C. Feng *et al.*, "Log-transformation and its implications for data analysis," *Shanghai Arch. Psychiatry*, vol. 26, no. 2, pp. 105–109, 2014, doi: 10.3969/j.issn.1002-0829.2014.02.
- [19] X. Yang, *Nature-Inspired Metaheuristic Algorithms Second Edition*, vol. 4, no. C. 2010.
- [20] Y. L. Pavlov, "Random forests," *Random For.*, pp. 1–122, 2019, doi: 10.1201/9780367816377-11.
- [21] W. P. K. Nitesh V. Chawla, Kevin W. Bowyer, Lawrence O. Hall, "Smote: synthetic minority over-sampling technique," *J. Mach. Learn. Res.*, vol. 16, pp. 321–357, 2002.
- [22] T. Zhu, Y. Lin, and Y. Liu, "Synthetic minority oversampling technique for multiclass imbalance problems," *Pattern Recognit.*, vol. 72, pp. 327–340, 2017, doi: 10.1016/j.patcog.2017.07.024.