Initial List of Literature (1)

- Abu-Shareha, A.A. (2024) 'A framework for diabetes detection using machine learning and data preprocessing', *Journal of Applied Data Sciences*, 5(4), pp. 1654–1667. doi:10.47738/jads.v5i4.363.
- Alaa Khaleel, F. & Al-Bakry, A.M. (2023) 'Diagnosis of diabetes using machine learning algorithms', *Materials Today: Proceedings*, 80, pp. 3200–3203. doi:10.1016/j.matpr.2021.07.196.
- Al-dabbas, L. (2024) 'Early detection of female type-2 diabetes using machine learning and oversampling techniques', *Journal of Applied Data Sciences*, 5(3), pp. 1237–1245. doi:10.47738/jads.v5i3.298.
- Alzyoud, M., Alazaidah, R., Aljaidi, M., Samara, G., Qasem, M.H., Khalid, M. & Al-Shanableh, N. (2024) 'Diagnosing diabetes mellitus using machine learning techniques', *International Journal of Data and Network Science*, 8(1), pp. 179–188. doi:10.5267/j.ijdns.2023.10.006.
- Anggriani, D., Mustamin, S.B., Sahriani. Atnang, M., Fatmah, S., Mar, N.A. & Fajar, N. (2024) 'Transforming the diabetes mellitus diagnosis and treatment using data technology: Comprehensive Analysis of Deep Learning and Machine Learning Methodologies', *Journal of Scientific Insights*, 1(1), pp. 26–32. doi:10.69930/jsi.v1i1.71.
- Asif, S., Wenhui, Y., Qurrat- ul-ain, S., Amjad, K., Yueyang, Y., Jinhai, S. & Awais, M. (2024) 'Advancements and prospects of machine learning in medical diagnostics: Unveiling the future of Diagnostic Precision', *Archives of Computational Methods in Engineering* [Preprint]. doi:10.1007/s11831-024-10148-w.
- Dharmarathne, G., Jayasinghe, T.N., Bogahawaththa, M., Meddage, D.P.P. & Rathnayake, U. (2024) 'A novel machine learning approach for diagnosing diabetes with a self-explainable interface', *Healthcare Analytics*, 5, p. 100301. doi:10.1016/j.health.2024.100301.
- Farajollahi, B., Mehmannavaz, M., Mehrjoo, H., Moghbeli, F. & Sayadi, M. (2021) 'Diabetes diagnosis using machine learning', *Frontiers in Health Informatics*, 10(1), p. 65. doi:10.30699/fhi.v10i1.267.
- Firdous, S., Wagai, G.A. & Sharma, K. (2022) 'A survey on diabetes risk prediction using machine learning approaches', *Journal of Family Medicine and Primary Care*, 11(11), pp. 6929–6934. doi:10.4103/jfmpc.jfmpc_502_22.
- García-Ordás, M.T., Benavides, C., Benítez-Andrades, J.A., Alaiz-Moretón, H. & García-Rodríguez, I. (2021) 'Diabetes detection using deep learning techniques with oversampling and feature augmentation', *Computer Methods and Programs in Biomedicine*, 202, p. 105968. doi:10.1016/j.cmpb.2021.105968.

- Hennebelle, A., Ismail, L, Materwala, H., Al Kaabi, J., Ranjan, P. & Janardhanan, R. (2024) 'Secure and privacy-preserving automated machine learning operations into end-to-end integrated IOT-edge-artificial intelligence-blockchain monitoring system for diabetes mellitus prediction', *Computational and Structural Biotechnology Journal*, 23, pp. 212–233. doi:10.1016/j.csbj.2023.11.038.
- Keshtkar, A., Ayareh, N., Atighi, F., Hamidi, R., Yazdanpanahi, P, Karimi, A., Naseri, A., Hosseini, F. & Dabbaghmanesh, M.H. (2024) 'Artificial Intelligence in diabetes management: Revolutionizing the diagnosis of diabetes mellitus; a literature review', *Shiraz E-Medical Journal*, 25(7). doi:10.5812/semj-146903.
- Khanam, A. & Masoodi, F.S. (2024) 'Early detection of type-2 diabetes mellitus using machine learning based prediction models', 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 1398–1403. doi:10.23919/indiacom61295.2024.10498997.
- Kumar, A., Gill, A.S., Singh, J.P. & Ghosh, D. (2024) 'A comprehensive and comparative examination of machine learning techniques for diabetes mellitus prediction', 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), pp. 1–5. doi:10.1109/icccnt61001.2024.10725693.
- Kushwaha, S., Srivastava, R., Jain, R., Sagar, V., Aggarwal, A., Bhadada, S. & Khanna, P. (2022) 'Harnessing machine learning models for non-invasive prediabetes screening in children and adolescents', *Computer Methods and Programs in Biomedicine*, 226, p. 107180. doi:10.1016/j.cmpb.2022.107180.
- Linkon, A.A., Noman, I.R., Islam, Md.R., Bortty, J.Ch., Bishnu, K., Araf, K.I., Hasan, R.A. & Allah, M. (2024) 'Evaluation of feature transformation and machine learning models on early detection of diabetes mellitus', *IEEE Access*, 12, pp. 165425–165440. doi:10.1109/access.2024.3488743.
- Maniruzzaman, Md., Kumar, N., Menhazul Abedin, Md., Shaykhul Islam, Md., Suri, H., El-Baz, A. & Suri, J. (2017) 'Comparative approaches for classification of diabetes mellitus data: Machine learning paradigm', *Computer Methods and Programs in Biomedicine*, 152, pp. 23–34. doi:10.1016/j.cmpb.2017.09.004.
- Miriyala, N.P., Kottapalli, R.M., Miriyala, G.P., Lorenzini, G., Ganteda, Ch. & Bhogapurapu, V.A. (2022) 'Diagnostic Analysis of diabetes mellitus using machine learning approach', *Revue d'Intelligence Artificielle*, 36(3), pp. 347–352. doi:10.18280/ria.360301.
- Modak, S.K. & Jha, V.K. (2023) 'Diabetes prediction model using Machine Learning Techniques', *Multimedia Tools and Applications*, 83(13), pp. 38523–38549. doi:10.1007/s11042-023-16745-4.
- Nimmagadda, S.M., Suryanarayana, G., Kumar, G.B., Anudeep, G. & Sai, G.V. (2024) 'A comprehensive survey on diabetes type-2 (T2D) forecast using machine learning', *Archives of Computational Methods in Engineering*, 31(5), pp. 2905–2923. doi:10.1007/s11831-023-10061-8.

- Nissar, I., Mir, W., Shaikh, T.A., Areen, T., Kashif, M., Khiani, S. &Hussain, A. (2024) 'An intelligent healthcare system for automated diabetes diagnosis and prediction using machine learning', *Procedia Computer Science*, 235, pp. 2476–2485. doi:10.1016/j.procs.2024.04.233.
- Parreño, S.J. (2024) Enhanced diabetes prediction using principal component analysis and Advanced Machine Learning Algorithms [Preprint]. doi:10.2139/ssrn.4932796.
- Silva, K.D., Lee, W.K., Forbes, A., Demmer, R.T., Barton, Ch. & Enticott, J. (2020) 'Use and performance of machine learning models for type 2 diabetes prediction in community settings: A systematic review and meta-analysis', International Journal of Medical Informatics, 143, p. 104268. doi:10.1016/j.iimedinf.2020.104268.
- Talukder, Md.A., Islam, Md.M., Uddin, Md.A., Kazi, M., Khalid, M., Akhter, A. & Moni, M.A. (2024) 'Toward reliable diabetes prediction: Innovations in Data Engineering and machine learning applications', *DIGITAL HEALTH*, 10. doi:10.1177/20552076241271867.
- Tan, H., Shi, Y., Yue, T., Zheng, D., Luo, S., Weng, J. &Zheng, X. (2024) 'Machine learning approach reveals microbiome, metabolome, and lipidome profiles in type 1 diabetes', *Journal of Advanced Research*, 64, pp. 213–221. doi:10.1016/j.jare.2023.11.025.
- Tanabe, H., Sato, M., Miyake, A., Yoshinori Shimajiri, Y., Ojima, T., Narita, A., Saito, H., Tanaka, K., Masuzaki, H., Katagiri, H., Tamiya, G., Kawakami E., Kazama, J.J. & Shimabukuro, M. (2024) 'Machine learning-based reproducible prediction of type 2 diabetes subtypes', *Diabetologia*, 67(11), pp. 2446–2458. doi:10.1007/s00125-024-06248-8.
- Virgolici, O. and Virgolici, B. (2024) 'Diabetes prediction using Machine Learning Techniques: A brief overview', *Diabetes & Complications*, 8(1). doi:10.33425/2639-9326.1113.
- Wändell, P., Carlsson, A.C., Wierzbicka, M., Sigurdsson, K., Ärnlöv, J., Eriksson, J., Wachtler, C. & Ruge, T. (2024) 'A machine learning tool for identifying patients with newly diagnosed diabetes in primary care', *Primary Care Diabetes*, 18(5), pp. 501–505. doi:10.1016/j.pcd.2024.06.010.
- Wee, B.F., Sivakumar, S., Lim, K.H., Wong, W.K. & Juwono, F.H. (2023) 'Diabetes detection based on machine learning and Deep Learning Approaches', *Multimedia Tools and Applications*, 83(8), pp. 24153–24185. doi:10.1007/s11042-023-16407-5.
- Zheng, T., Xie, W., Xu, L., He, X., Zhang, Y., You, M., Yang, G. & Chen, Y. (2017) 'A machine learning-based framework to identify type 2 diabetes through Electronic Health Records', *International Journal of Medical Informatics*, 97, pp. 120–127. doi:10.1016/j.ijmedinf.2016.09.014.

- Ziajor, S., Tomasik, J., Sajdak, P., Turski, M., Bednarski, A., Stodolak, M., Szydlowksi, Ł,. Żurowska, K., Kruzel, A., Klos, K. & Debik, M.T. (2024) 'The use of artificial intelligence in the diagnosis and detection of complications of diabetes', *Journal of Education, Health and Sport*, 65, pp. 11–27. doi:10.12775/jehs.2024.65.001.
- Zrubka, Z., Kertész, G., Gulácsi, L., Czere, J., Hölgyesi, Á., Nezhad, H.M., Mosavi, A., Kovács, L., Butte, A.J. & Péntek, M. (2024) 'The reporting quality of Machine Learning Studies on Pediatric Diabetes Mellitus: Systematic review', *Journal of Medical Internet Research*, 26. doi:10.2196/47430.

Not downloaded

Kashyap, A. and Majhi, B. (2024) 'Diagnosis of diabetes mellitus using deep learning techniques and Big Data', *Internet of Things and Machine Learning for Type I and Type II Diabetes*, pp. 89–101. doi:10.1016/b978-0-323-95686-4.00006-x.