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| |  |  | | --- | --- | | **Early-Stage Diabetes Risk Prediction**  **UCI Center for Machine Learning** <http://archive.ics.uci.edu/ml/datasets/Early+stage+diabetes+risk+prediction+dataset.#>  **Abstract**: This dataset contains the sign and symptom data of newly diabetic or would be diabetic patients. |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Data Set Characteristics:** | Multivariate | **Number of Instances:** | 520 | **Area:** | Computer | | **Attribute Characteristics:** | N/A | **Number of Attributes:** | 17 | **Date Donated** | 2020-07-12 | | **Associated Tasks:** | Classification | **Missing Values?** | Yes | **Number of Web Hits:** | 52442 |   **Source:**  1. M M Faniqul Islam, 2. Rahatara Ferdousi, 3.Sadikur Rahman, and Humayra 4.Yasmin Bushra  1. Queen Mary University of London, United Kingdom m.islam **'@'** smd17.qmul.ac.uk 2. Metropolitan University Sylhet, Bangladesh rahatara **'@'** metrouni.edu.bd 3 . Metropolitan University Sylhet, Bangladesh rahmansadik004 **'@'** gmail.com 4 .Metropolitan University Sylhet, Bangladesh humayrabushra234 **'@'** gmail.com  **Data Set Information:**  This has been col- lected using direct questionnaires from the patients of Sylhet Diabetes Hospital in Sylhet, Bangladesh and approved by a doctor.  **Attribute Information:**  Age 1.20-65 Sex 1. Male, 2.Female Polyuria 1.Yes, 2.No. Polydipsia 1.Yes, 2.No. sudden weight loss 1.Yes, 2.No. weakness 1.Yes, 2.No. Polyphagia 1.Yes, 2.No. Genital thrush 1.Yes, 2.No. visual blurring 1.Yes, 2.No. Itching 1.Yes, 2.No. Irritability 1.Yes, 2.No. delayed healing 1.Yes, 2.No. partial paresis 1.Yes, 2.No. muscle sti ness 1.Yes, 2.No. Alopecia 1.Yes, 2.No. Obesity 1.Yes, 2.No. Class 1.Positive, 2.Negative.  **Relevant Papers:**  Likelihood Prediction of Diabetes at Early Stage Using Data Mining Techniques [[Web Link]](https://link.springer.com/chapter/10.1007/978-981-13-8798-2_12) Authors and affiliations M. M. Faniqul IslamEmail Rahatara Ferdousi Sadikur Rahman Humayra Yasmin Bushra  **Citation Request:**  Islam, MM Faniqul, et al. 'Likelihood prediction of diabetes at early stage using data mining techniques.' Computer Vision and Machine Intelligence in Medical Image Analysis. Springer, Singapore, 2020. 113-125. Islam, MM Faniqul, et al. 'Likelihood prediction of diabetes at early stage using data mining techniques.' Computer Vision and Machine Intelligence in Medical Image Analysis. Springer, Singapore, 2020. 113-125. |