HealthMitra: Digital Diagnose Suggestion and Disease Prediction using Machine Learning and Microsoft Azure

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Abstract: *In the IT era, technology has greatly changed the medical field. The goal of this research is to create a diagnosis model for a variety of diseases based on their medical information. To create such a model, this system used Random Forest. The intelligent agent is trained using datasets containing copious data regarding patient diseases that have been gathered, refined, categorized, and utilized. After classifying the dataset into training and testing we built a model using a random forest classifier. Model can predict disease based on the medical information of the patient. The patient might then contact the doctor for further therapy based on the results by using AI Chatbot. It is an example of how technology and medical expertise are flawlessly woven together with the goal of achieving "prediction is better than cure.".*

Keywords: Random forest classifier, medical data, classification, and data mining, Microsoft azure, Microsoft cognitive service, knowledge base, AI Bot

REFERENCES

[1] Visit our project at http://healthmitra.live

[2] Github