Abstract

Early diagnosis and identification of diseases play a vital role in the field of medicine. With the emergence of powerful machine learning techniques, it is now possible to derive greater insights from the available data. This paper discusses how one such machine learning technique can be used to recommend symptoms to users. The proposed system allows users to enter symptoms and uses machine learning techniques to recommend similar symptoms. Another machine learning technique for classification is discussed which is used to predict the possibility of having a disease. The results demonstrate the effectiveness of different machine learning techniques on the given data.

References


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Support Vector Machine, Symptom Recommendation, Jaccard coefficient, Django, Electronic medical record, Disease prediction