

Social Or Business Impact

Social Impact:- Untreated/undetected thyroid disease is more dangerous at times it can lead to fatal of the person. Even if you were a social butterfly before, socializing may not be as easy with hypothyroidism and hyperthyroidism. Fatigue and brain fog can make it more difficult to concentrate or recall information quickly in conversations. Taking a little time to think ahead of things you want to talk about can help you remember when the time comes. So, we can detect it at the earliest then people can get treatment and get cured.

Business Model/Impact:- We can make this application public, offer services as a subscription based or can collaborate with healthcare centres or specialists. Some very dedicated researchers have been putting in the very best of their efforts in modelling these disease prediction problems using statistical techniques, and now machine learning and deep learning techniques. Data mining and machine learning techniques can be used to identify thyroid disease. This method both reduces misdiagnoses due to human mistakes and allows for efficient use of time. However, most data mining and machine learning approaches require marked training data. For greater accuracy, the volume of data is critical. There are other issues which researchers have to face while performing research related to health care data, such as authorization for collecting data, privacy and secrecy concerns etc. In spite of all this, researchers are motivated to explore in terms of analyzing the data, its exploratory analysis, preprocessing, dimension reduction, data augmentation, and so on. The aim of this research is to provide a modelling solution to the prediction of thyroid disease so that society can benefit from the research advancements of computational techniques.