

## **NOVELTY AND BENEFITS OF THE PROJECT**

The development of AI and Machine learning have been widely spread through the 21<sup>st</sup> century. The native approach towards these technologies are numerous,

our approach towards these technologies are unique and more powerful with respect to hardcore computing backend and higher percentage of classification accuracies

We mainly focus on the structure and implementation following usage of multiple classifiers and cloud analytics for creating and implementing prediction and classifier models.

We also use a cross platform for converging data science and machine learning to transform the health care industry, we are creating a bridge to narrow the gap and help the medical tech to adapt these technologies

**We are providing both a service-oriented program by doing manual analysis of patients reports and also a product platform in form of a WEB TOOL for Doctors for quick and efficient diagnose of patients and to cover more no. of patients.**

### **BENEFITS**

1. At many places people below poverty line experience lack of doctors and unavailability of certain diagnose for few diseases which has greatly affected the society. This project / service can create a big difference in reaching out to these areas of need and to introduce the technology to carry out the task and help as a virtual assistant.
2. Elderly care – many senior citizens struggle for going to hospitals for their check-ups as they cannot travel and wait for long hours in the hospital. This Project can address this need by providing a digital diagnose solution and initiating treatment through patient analysis carried out by the Computer and this result can be updated to the patient through the call which can save their time and struggle.
3. Many times, physical Tension and pressures in Doctors results in Diagnose going wrong or mis leaded. In this project the Diagnose process has be automated and carried out thorough a digital interface like a computer which never tires or gets stressed. Well maintenance and regular updation can result in profound constant results.
4. Many times, a lot of physical parameters and environmental reasons stand as a cause for the Diseases and problems in patients, the Doctor is unaware of these geographical elements to find the root cause of patient illness. Hence this project has Geographical parameter which also points out the environmental conditions and effects on the patient, our classifiers and predictive models ae trained upon these geographical variables and parameters which is a great unique element in this project