Predicting life expectancy using Machine learning

Project Manager : Anjana Anil
Topic : Machine Learning

Project Summery	The project is to create a model for predicting life expectancy of a person based on different features from WHO data set using ML algorithms. A typical Regression Machine Learning project leverages historical data to predict insights into the future. This problem statement is aimed at predicting the Life Expectancy rate given various features. Life expectancy is a statistical measure of the average time a human being is expected to live, Life expectancy depends on various factors: Regional variations, Economic Circumstances, Sex Differences, Mental Illnesses, Physical Illnesses, Education, Year of their birth and other demographic factors. This problem statement provides a way to predict the average life expectancy of people living in a country when various factors such as year, GDP, education, alcohol intake of people in the country, expenditure on healthcare system and some specific disease-related deaths that happened in the country are given.
Project Requirements: ● **Functional Requirements**	1.A data set to train the ML model and predict the Life Expectancy of Person based on the given Input. (WHO Life Expectancy Data Set from Kaggle) 2.Jupyter notebook

• **Technical Requirments** • **Software Requirments**	Python, Machine Learning. IBM Cloud,Watson Studio,Node-RED.
Project Deliverables	An App which the user could input values to predict Life Expectancy
Project Duration	23.5 Days