PROJECT SCOPE

Project Summary:-

This project is based on the Machine Learning in which I have to predict the Life Expectancy based on the serval factors which has historical data. Life Expectancy is a statistical measure of the average (see below) time an organism is expected to live, based on the year of its birth, its current age and other demographic factors including gender. The most commonly used measure is life expectancy at birth (LEB). Life Expectancy is depends on various factors like 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 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. Now, this project is helps to automate the process of calculating the Life Expectancy. This helps to known Average value of Life in Region.

Project Requirements:-

- Trained Model which Predict accurate value of Life Expectancy.

- Good User Friendly User Interface.

- End to End Reliable System.

Functional Requirements:-

- Predicting the value based on various single attributes.

- Feature Engineering.

- Model Selection.

- Data Pre-processing.

Technical Requirements:-

- Python

- Numpy

- Pandas

- Sklearn

- Regression

- IBM-Cloud

Software Requirements:-

- Watson Studio

- Node-Red Starter

- Browser

Project Team:-

Name:- Kushal Master

Role:- Project Manger, Machine Learning Developer, App Developer