**Project Summary**

This model is used to train machine learning models using dataset containing data related to 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 are given. By using this data we are going to bouild a regression model which predicts the life expectancy of a human in country.

**Project Requirements**

Dataset: WHO dataset for life expectancy prediction

skills: python with numpy,pandas,sklearn,IBM cloud, Node-Red,IBM watson

platform: IBM watson

outcome: Life expectancy of human in country

**Functional Requirements**

* Import the dataset using pandas
* If there is null value in dataset try to avoid it.
* train the model using dataset
* plot the graph of regression

**Technical Requirements**

      Hard disk : 80 GB and above

Processor : dual core

Processor speed : 2.5 GHz Software

      RAM : 2GB and above

**Software Requirements**

Operating system : windows 7 & above

Language tool : Python

Software : IBM watson,Node-Red,IBM cloud

Documentation Tool : Zoho writer

**Project Deliverables**

* In this Machine Learning Model we can predict the life expectancy of a country.
* By doing this we can predict the population of country,health,wealth etc

**Project Team**

Member: Vaishnavi

**Project schedule**

* Project Scope, Schedule, Team & Deliverables

Duration: 1 Days

* Setup The Development Environment

Duration: 1 Days

* Create IBM Cloud Account

              Duration: 0.5 Days

* Create A Node-RED Starter Application

Duration: 1 Days

* Explore IBM Watson Usecases

Duration: 0.5 Days

* Explore IBM Watson Machine Learning

Duration: 3 Days

* Build Your Own ML Model In IBM Watson Studio

Duration: 2 Days

* Automate Your ML Model

Duration: 1 Days

* Collect The Dataset For The Project

             Duration: 0.5 Days

* Create Necessary IBM Cloud Services

Duration: 1 Days

* Create A Watson Studio Project

Duration: 1 Days

* Configure Watson Studio

Duration: 0.5 Days

* Create Machine Learning Service

Duration: 0.5 Days

* Import Dataset And Create AUTO AI Experiment

Duration: 1 Days

* Build Node-RED Flow To Integrate AutoAI

Duration: 1 Days