**Project Scope Document**

**Project Name: Predicting Life expectancy**

* 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 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 goal:**

Depending on the given parameters we will predict the Life

Expectancy of a person.

**Assumptions:**

* The project that I am currently working is done using machine learning with python.
* The code is implemented in IBM Watson Studio.

**Requirements:**

For this project the requriments are:

* Python for coding
* Packages needed: Sklearn, matplotlib, numpy, pandas

This project should be done using regression model as we have to predict average life span of a person by using pervious data which is label hence it is a supervised learning.