**Project Summary**

In this project we will make a machine learning model to predict 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. 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.

**Project Requirements**

Complete functional ml model deployed on IBM cloud , Watson studio with high accuracy using Watson machine learning services and deployed on NODE-RED integration

Form the model without using python using auto-ai experiment in Watson Studio. Chose the best pipeline and integrate with Node-Red.

**Functional Requirements**

**1.** Deploying of machine learning model

2. Dataset (to be downloaded from Kaggle)

<https://www.kaggle.com/kumarajarshi/life-expectancy-who>

3. Slack app for communicating with your team

4. Computer with internet connectivity

5. IBM account

6. Model creating and pre-processing in Machine learning using Python language

**Technical Requirements**

* python 3.8
* machine learning (Regression Models)
* GitHub
* Watson Studio
* Node-Red

**Software Requirements**

* Zoho editor
* IBM cloud
* IBM Watson
* Node-Red

**Project Deliverables**

Complete functional ml model deployed on IBM cloud with high accuracy as per the client requirement

**Project Team**

Sumit Dahiya

**Project Schedule**

23.5 days allotted