**Predicting Life Expectancy Using Machine Learning (IISPS\_INT\_2667)**

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# 1. Project Summary To develop a Machine Learning Model that predicts the Life Expectancy based on the given factors like 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.

# 2. Project Requirements

* A Supervised Learning Algorithm
* Dataset (Required to train the model)

# 2.1 Functional Requirements

Predicting the Life Expectancy rate of a Country

# 2.2 Technical Requirements

* Python
* IBM Cloud Account
* IBM Watson Studio
* Computer with Internet Connection

**Hardware Requirements**

* Processor: i3 7th generation or higher
* Speed : 2GHz or more
* Hard Disk Space : 10GB or more

# 2.3 Software Requirements

1. Zoho Writer
2. Jupyter Notebook
3. Github
4. Node Red
5. IBM Cloud
6. IBM Watson Studio

# 3. Project Deliverables

# A Web Application that predicts the Life Expectancy based on the given factors

# 4. Project Team

# Pravallika Pulivendula

# 5. Project Schedule

# Approved on 06.06.2020 Duration : 30 days