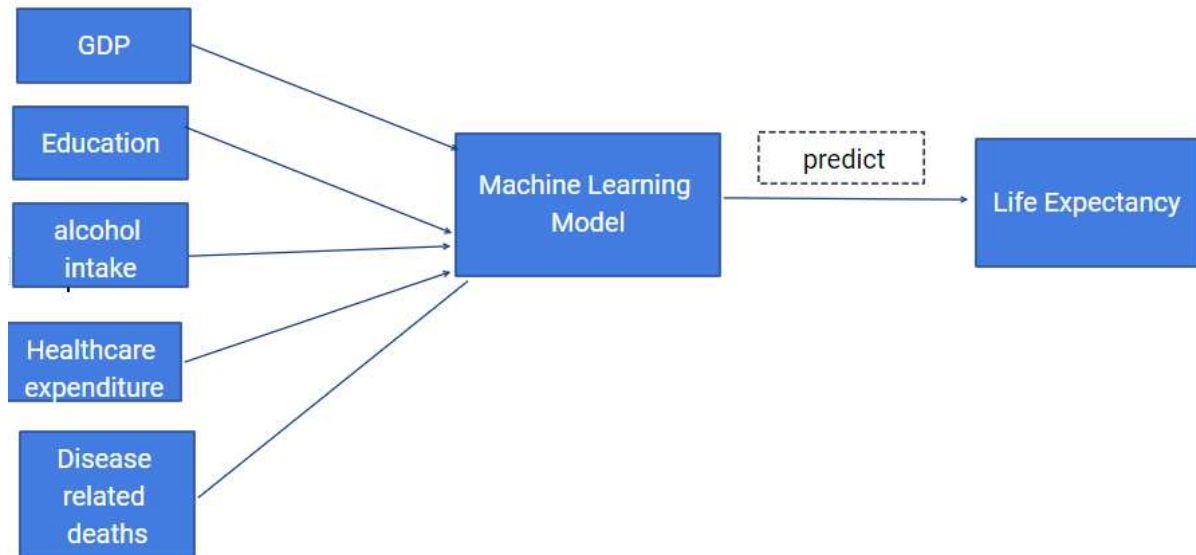


## Project Report

### Introduction

Project is about predicting the life expectancy on the basis of parameters such as factors 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

#### Functional Requirements

Functional Requirements	Description
Life expectancy predictor	Predicts the life expectancy
Parameter Tuning	Tells about the parameters that were crucial in predicting life expectancy.

#### Technical Requirements

- Model should predict life expectancy accurately .
- There should not be any time lag while predicting life expectancy.
- Algorithm used to build the model should be reliable and efficient.

#### Software Requirements

Tool such as tensorflow,keras,IBM cloud and Watson are required.

#### Project Deliverables

It would be an software that takes in certain parameters and predict life expectancy rate.

## Project Team

Individual project

## Project schedule

Sno.	Description
<b>1</b>	<b>Planning</b>
1.1	Create Preliminary scope
1.2	Requirement Gathering
1.3	develop plan to approach the project
<b>2</b>	<b>Execution</b>
2.1	Analysis of the dataset
2.2	Developing the algorithm to predict life expectancy rate
2.3	Training the algorithm against the training dataset
<b>3</b>	<b>Testing</b>
3.1	Testing the algorithm against the testing dataset
3.2	Testing against random testcases and analyzing the accuracy
<b>4</b>	<b>Deployment</b>
4.1	pushing code on the git repository and hosting on suitable platform

**Algorithm Used:** Random Forest

Accuracy : 97% (approx)