Life Expectancy Using Machine Learning

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| Project Name:- | Life Expectancy Using Machine Learning |
| Kickoff Date | 15-05-2020 |

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| **Topic** | **Leader** |
| Introduce and welcome team members  Hi,My Name is Shivang Srivastava.I am a solo developer of this project under guidance from the mentors from smartinternz. | Project Leader  Shivang Srivastava |
| Discuss project background   1. What we have today:- Raw CSV data from WHO. 2. Why we need to change: For predicting life expectancy we need data without any empty or false data. | Project Sponsor  Smartinternz  SmartBridge  IBM CLOUD |
| Review project objectives   1. Objectives:-   The scope of this project is to predict the guesstimate given my current knowledge and the limited amount of time I have spent researching and thinking about this question, is that there is a 15% chance that life expectancy will decline in the future. If it does, then my best guess is that the mean value – of the range of possible life expectancies in 2050 is 70 years, which is close to the current value of female life expectancy in the world as a whole. Discussion among a group of experts and systematic consideration of various scenarios would undoubtedly produce values different from 15% and 70 years, but these values illustrate the approach according to the research.  The data offers a timeframe from 2015 to 2022.  The output algorithms have been used to test if they can maintain their accuracy in predicting the life expectancy for data they haven't been trained. Five algorithms have been used:  Linear Regression  Polynomial Regression  Logistic Regression  Ridge Regression  Lasso Regression   1. Deliverables:-   At the end of this project I will be able to create a model based on data provided to evaluate the life expectancy.   1. Functional Requirements   Create a data model present on the database.  The data set is made available to the public for the purpose of health data analysis.  It is related to different countries depending on the different countries while finding the data set in different countries might be difficult and hence we decided that we exclude these countries from the final data set.   1. Technical Requirements   The merged data set by using the databases in the cs v formats.  We can use data sets with the help of machine learning and data science with the help of python.   1. Software Requirements   Python IDE, Excel, IBM Cloud, IBM Watson | Project Manager Technical Lead  Shivang Srivastava |
| Review team member roles & responsibilities   1. Project Team-Solo | Project Manager  Shivang Srivastava (Developer, Tester) |

Kickoff Meeting Agenda.docx Revised: 3/18/13 Page 1 of 1

Project Management Office Office of Computing and Communications Services