***Project Scope Document***

Project Name Predicting Life Expectancy using Machine Learning

Kick off Date 15 May 2020

Project Manager Ritika Rao

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| **Topic** | **Leader** |
| **Introduce and welcome team members**  Ritika Rao | Project Manager |
| **Project Summary**  Life expectancy is a statistical measure of the average time a human being is expected to live.  This problem statement is aimed at predicting Life Expectancy rate of 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 Manager |
| **Project Requirements**   1. Functional Requirements    * Predicting life expectancy when all given factors are given    * Dataset for training 2. Technical Requirements    * Machine learning Algorithm in python    * Machine learning Algorithm without python 3. Software Requirements    * IBM Cloud Account (Academic initiative)    * IBM Waston Studio    * Node- Red | Project Manager |
| **Project Deliverables**   1. ML Model predicting life expecting using python 2. ML Model predicting life expecting without python 3. Node-red Flow for client to predict life expectancy | Project Manager |
| **Project Team**  This project is an individual project. Hence, it has only one member. | Project Manager |
| **Project Schedule**  Start Date - 15/05/2020  End Date - 04/06/2020 (i.e. 20 days)  *With a possible extension of 10 days* | Project Manager |