

## Project Kickoff Checklist

- **Project Name:** Predicting Life Expectancy Using Machine Learning
- **Kickoff Date:** 11 June 2020

- **Team Members:**

I am Amey Sawant, a Machine Learning and Deep Learning Learning enthusiast who is always eager to learn new things.

- **Project Background:**

We expect human lifespan to rise as there are lot of medical breakthroughs happening nowadays. We have lot of systems to predict disease, chronic conditions and other maladies to increase human lifespan, but predicting it would be one of the bases of all the system.

- **Identifying stakeholders:**

Healthcare industries would be one of the biggest stakeholders who can sponsor and get benefited from such project. Predicting life expectancy and performing operations and other things depending on that would give optimal results.

- **Review Project Objectives:**

1. Objectives:

To create a Regression Machine Learning model which leverages historical data to predict insights into the future. This problem statement is aimed at predicting Life Expectancy rate of a country given various features.

2. Deliverables:

This project delivers a cloud based Machine Learning solution for Life Expectancy Prediction.

3. Assumptions:

Since we are using a Regression model, its assumed that the features affect the lifespan linearly.

- **Review team member roles & responsibilities:**

Having a single person team, all the project work will be done by me, advisory being the Hemant Kuma Gahlot sir.

- **Review other potential issues, risks, questions and concerns:**

If not provided with ample amount of data, the model might not predict the life expectancy very accurately. The cloud based model might add up some restrictions based on space and computing in case of larger data and usage.

- **Identify next steps and timing:**

Each step of the project will be done under supervision of advisory. The results and task completions will be informed through kanban dashboard.