**Project Planning & Kickoff**

**Project Title:** Predicting Life Expectancy using Machine Learning - SB52805

**Project Manager & Team:** Siddhant Meshram

**Duration of Project:** 1-Month

**Project Description:**

This problem statement is aimed at predicting Life Expectancy rate of a country given various features. Life expectancy is a statistical measure of the average time a human being is expected to live, Life expectancy depends on various factors: Regional variations, Economic Circumstances, Sex Differences, Mental Illnesses, Physical Illnesses, Education, Year of their birth and other demographic factors. This problem statement provides a way to predict average life expectancy of people living in 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. The dataset is provided by WHO. The data offers a timeframe from 2000 to 2015. The data is originated from https://www.kaggle.com/kumarajarshi/life-expectancy-who/data.

**Project Requirements:**

Technical Skills Required: Python, IBM Cloud, IBM Watson

Software Requirements: Python, IBM Cloud, IBM Watson

**Project Scope:**

The scope of this project is to learn about life expectancy rate of different countries in world. With the help of this project we can predict the life of a person with the help of various factors. Since this project is based on supervised learning, the more data we provide the better we can predict life expectancy.