Project Scope

A typical Regression Machine Learning project leverages historical data to predict insights into the future.This problem statement is aimed at predicting LifeExpectancy rate of a country given various features.

The project works to create a model based on data provided by the World Health Organization (WHO) to evaluate the life expectancy for different countries in years. The data offers a timeframe from 2000 to 2015.

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. Four algorithms have been used:
Linear Regression
Linear Regression with Polynomic features
Decision Tree Regression
Random Forest Regression

Schedule:

Team:

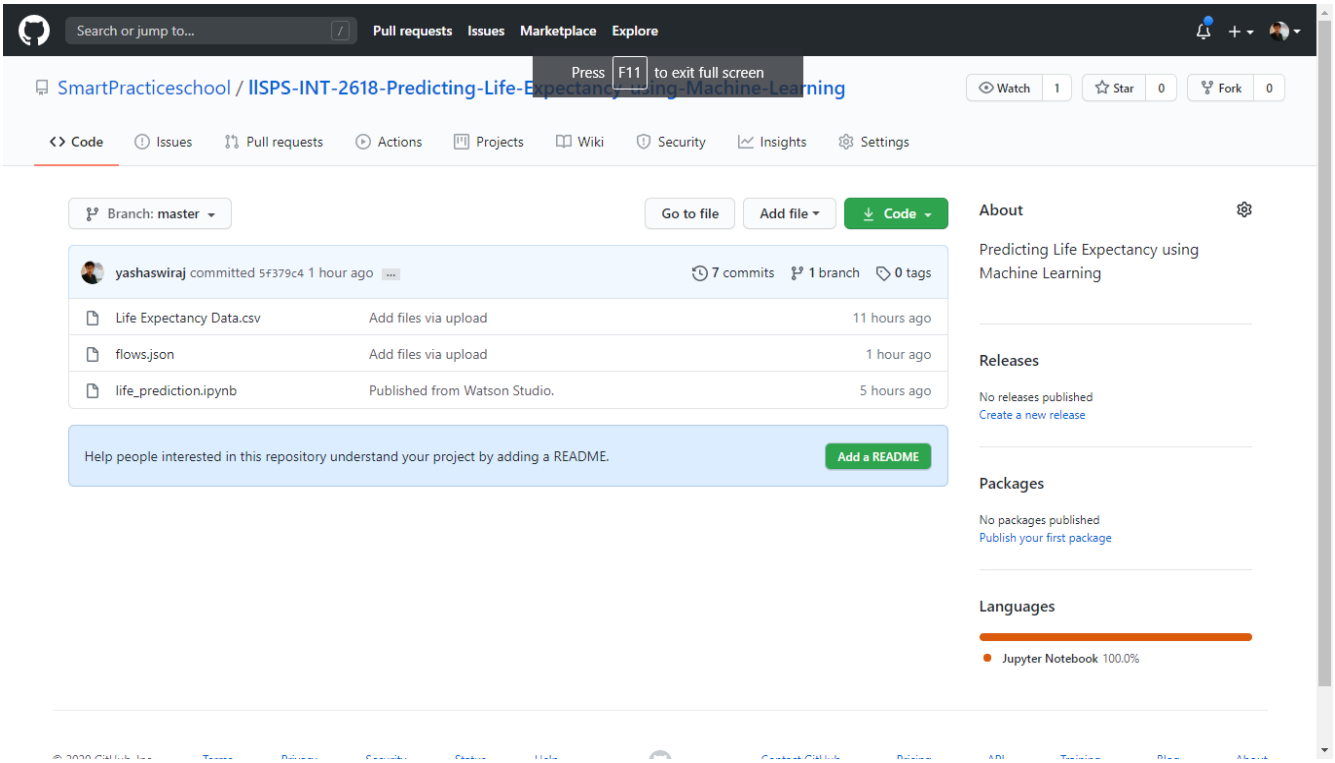
Name: Yashaswi Raj

Deliverables: None.

Setup The Development Environment:

Github: GitHub is a for-profit company that offers a cloud-based Git repository hosting service. Essentially, it makes it a lot easier for individuals and teams to use Git for version control and collaboration.

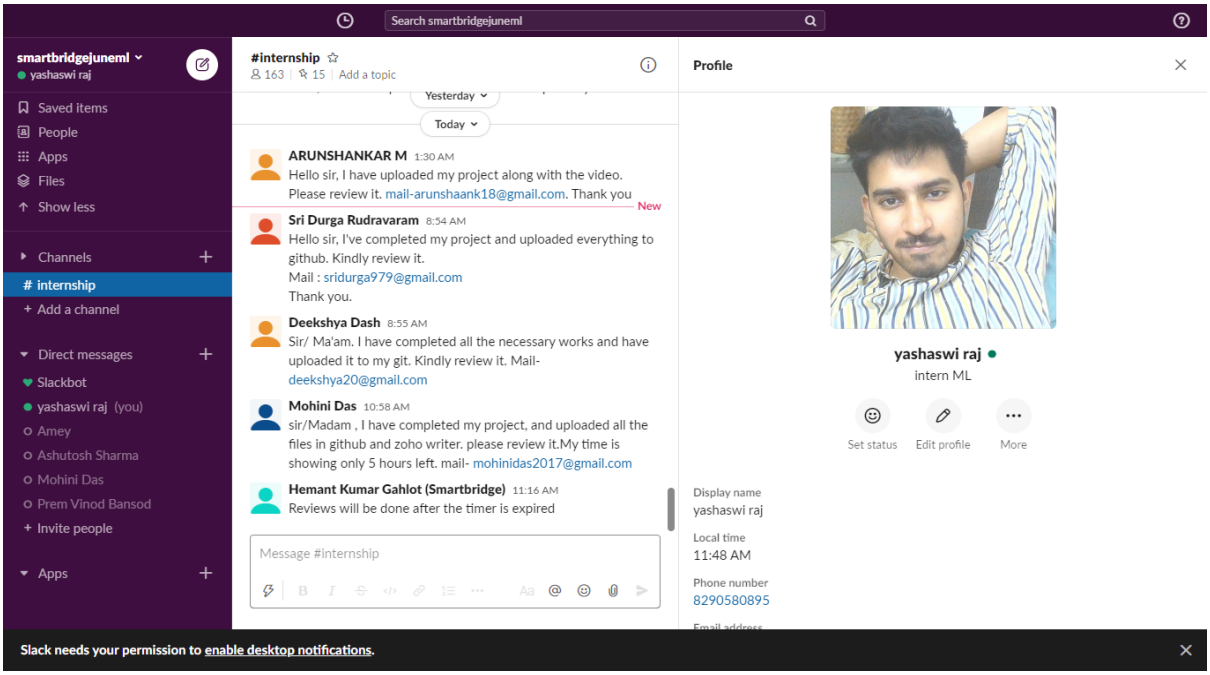
GITHUB ACCOUNT LINKED:



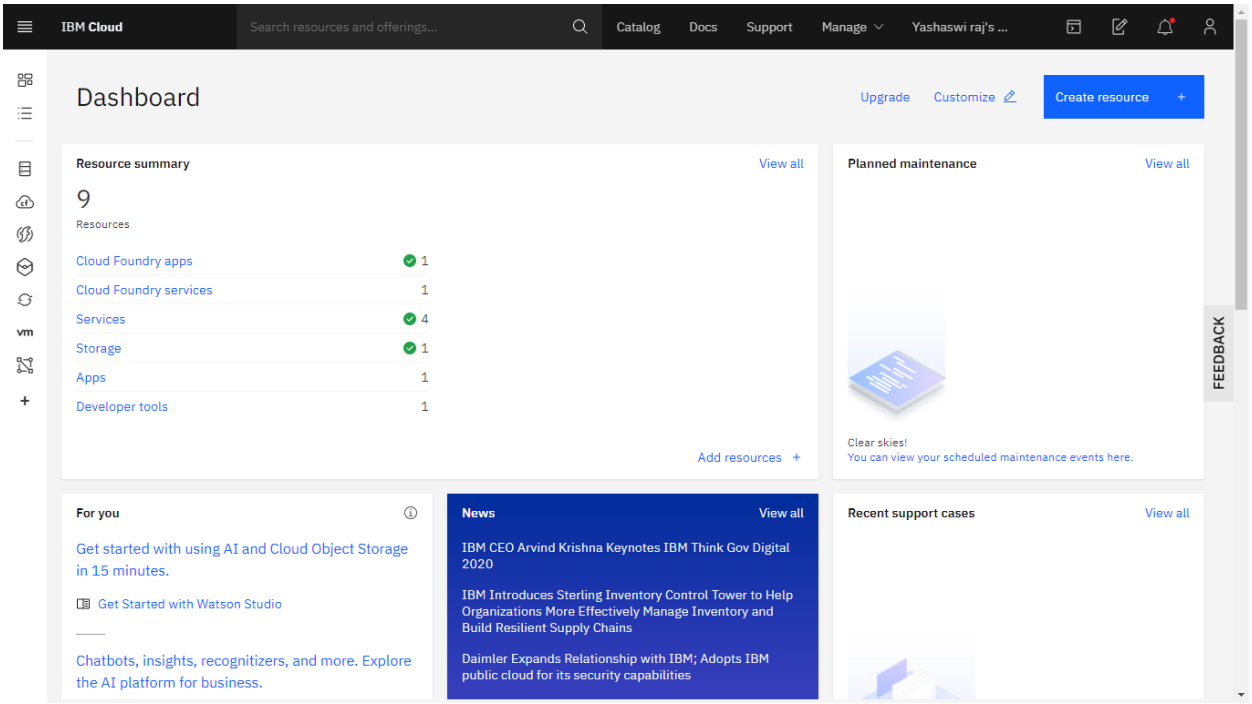
Slack:

Slack is essentially a chat room for your whole company, designed to replace email as your primary method of communication and sharing. Its workspaces allow you to organize communications by channels for group discussions and allows for private messages to share information, files, and more all in one place.

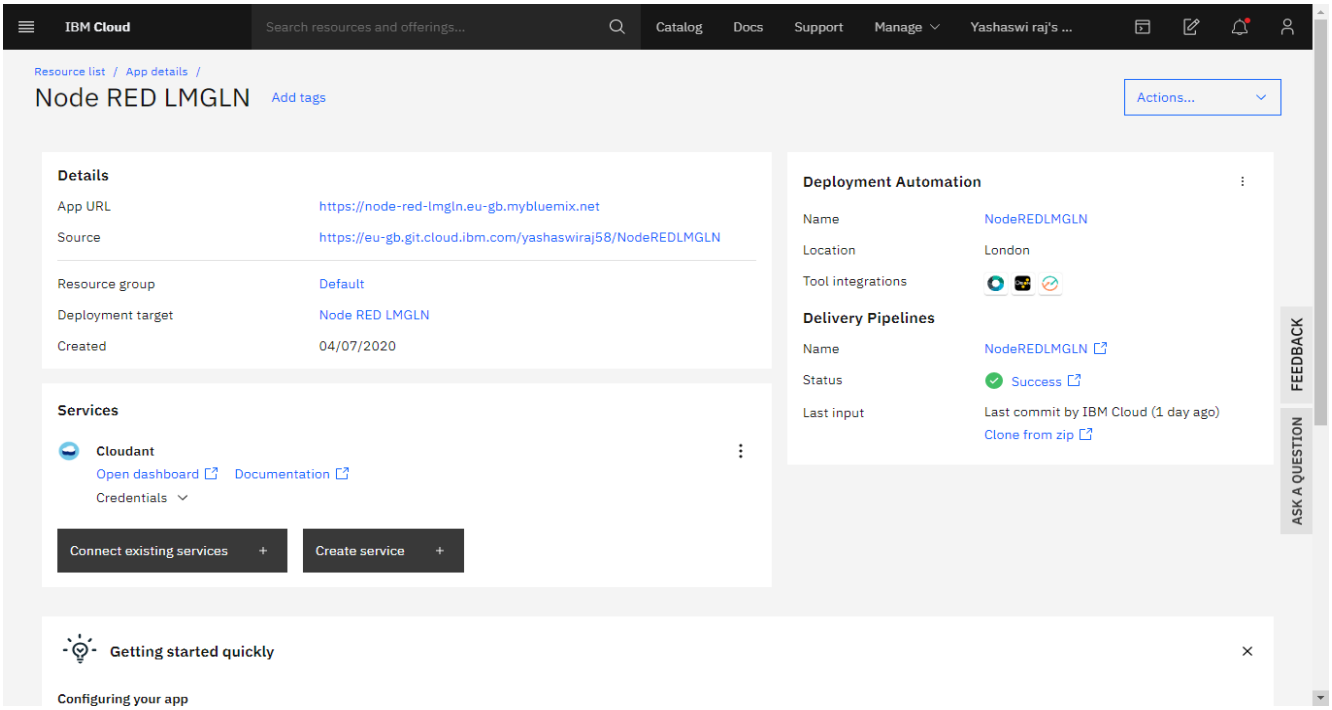
Slack account created:



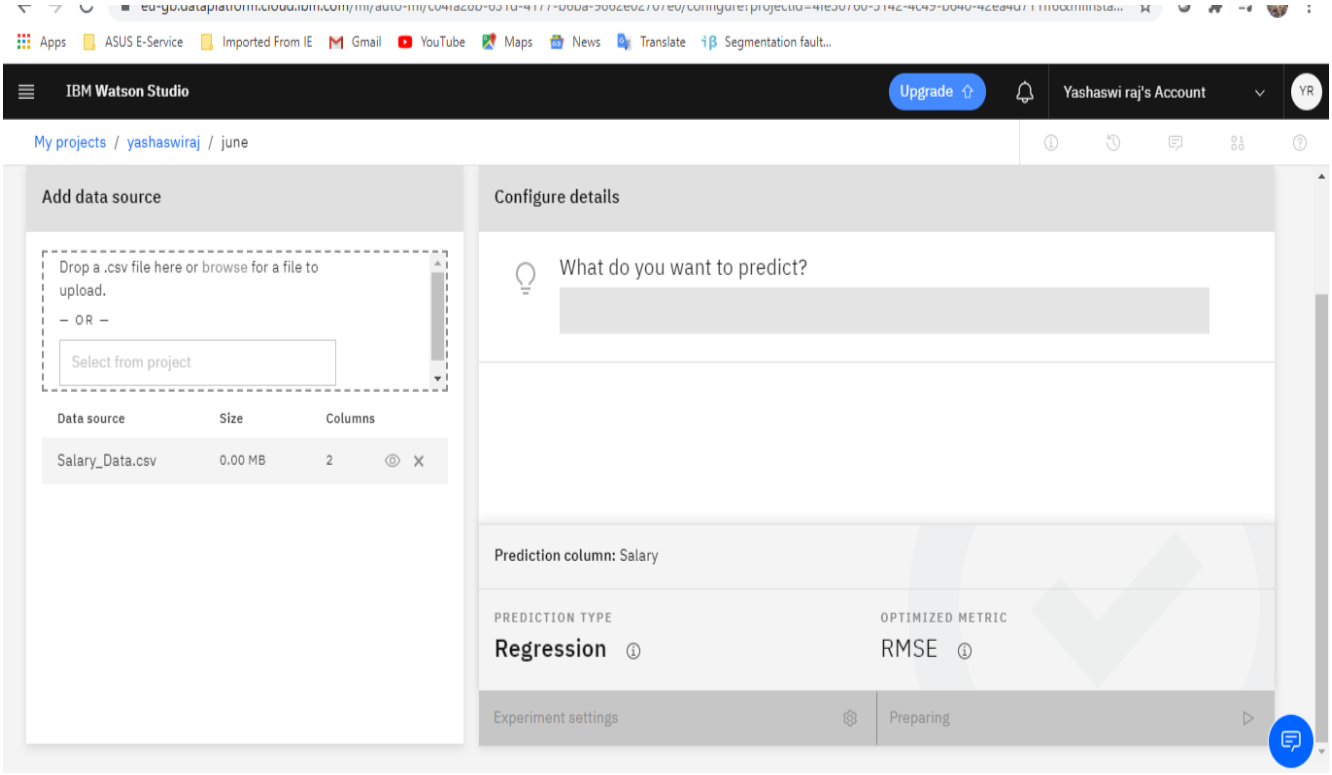
IBM cloud account created:



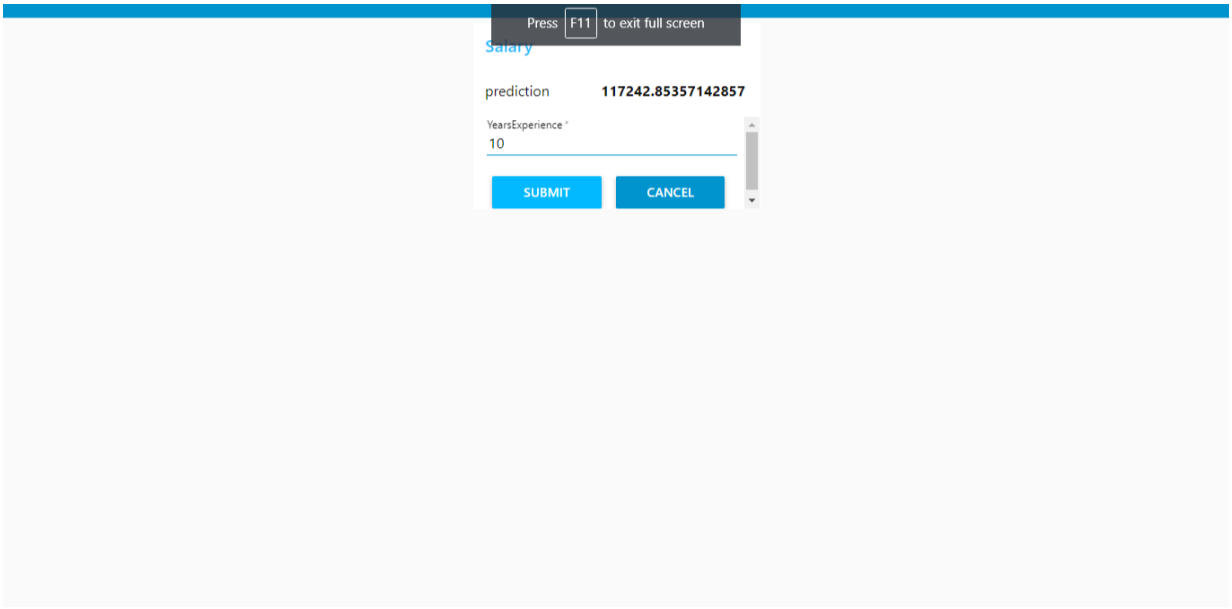
Node-red Starter application:



IBM WATSON STUDIO: ML MODEL

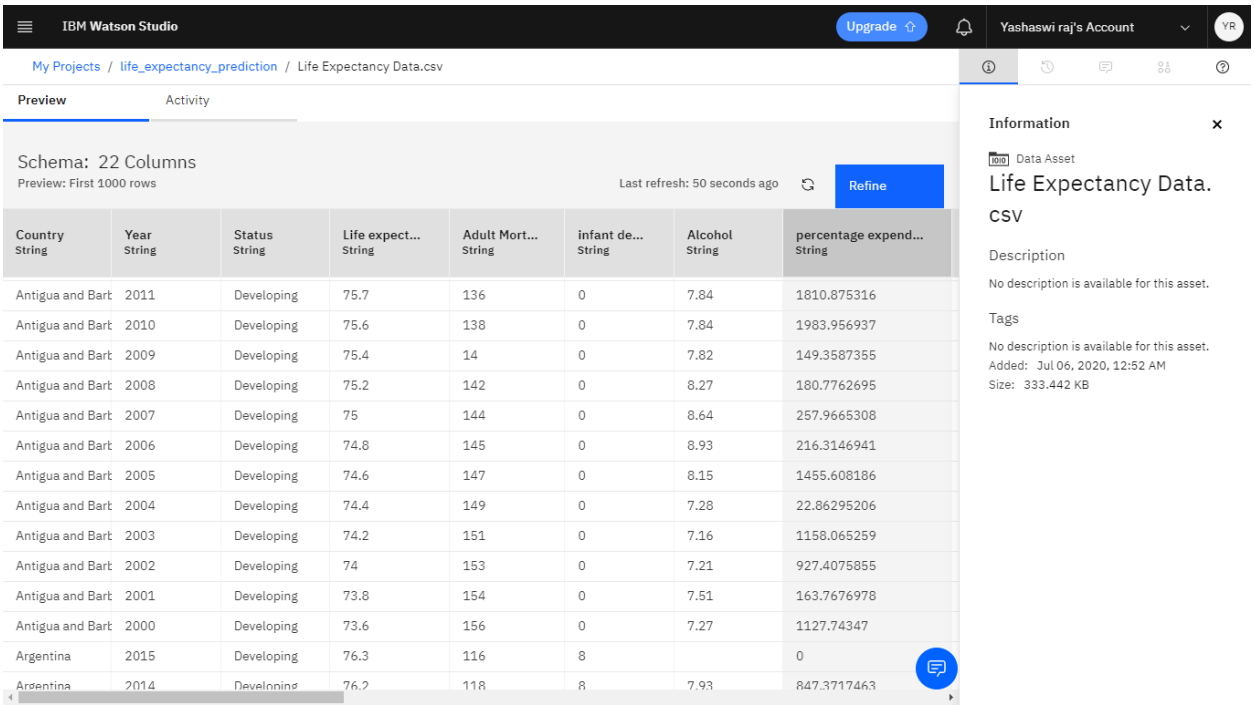


IBM Watson Machine Learning: Salary Prediction

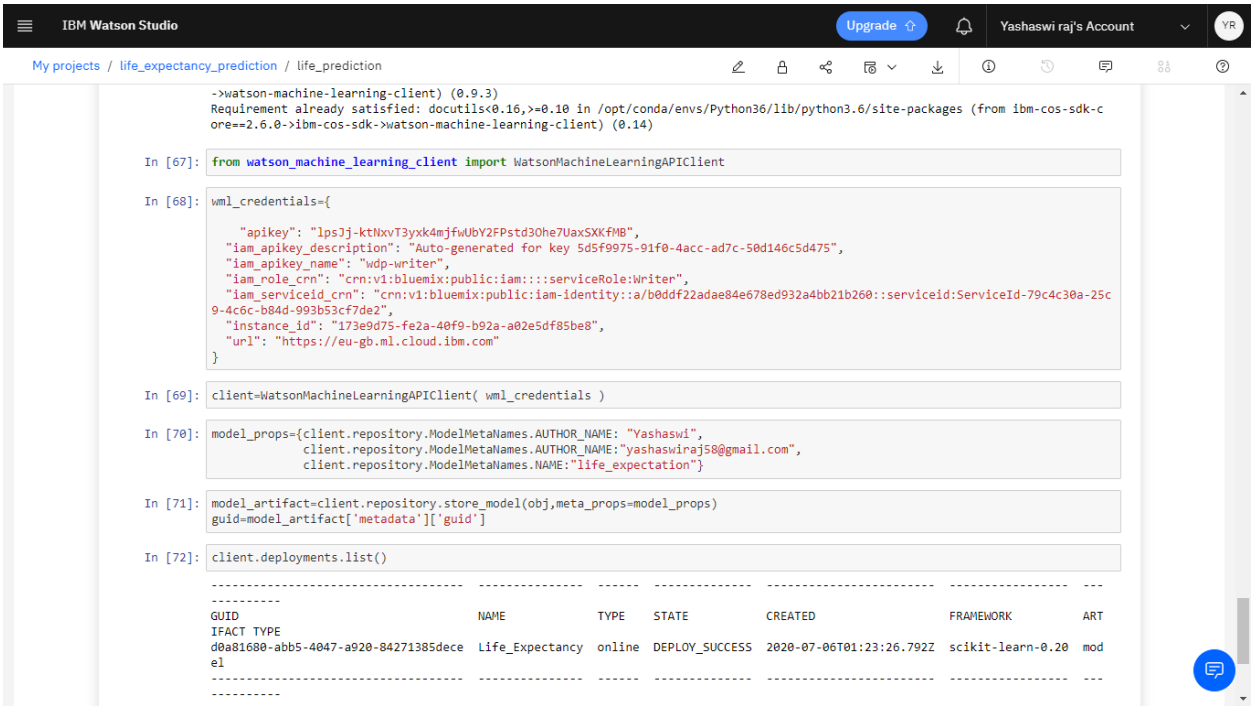


Predict Life Expectancy with python:

Dataset:

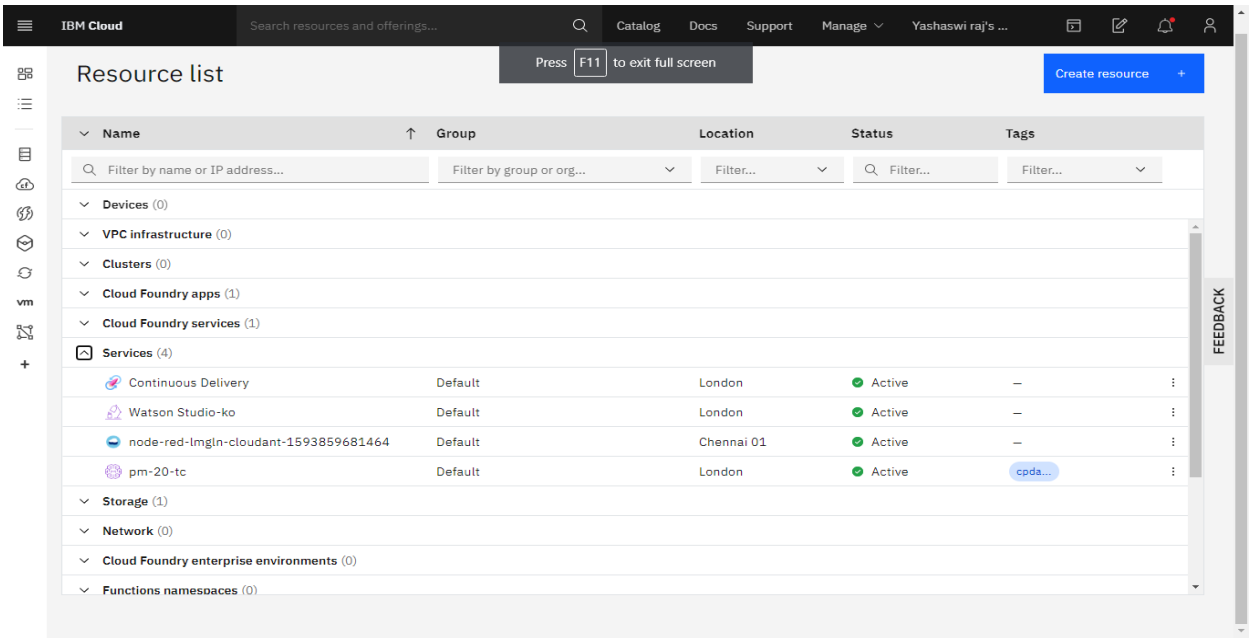


Integrated Notebook:

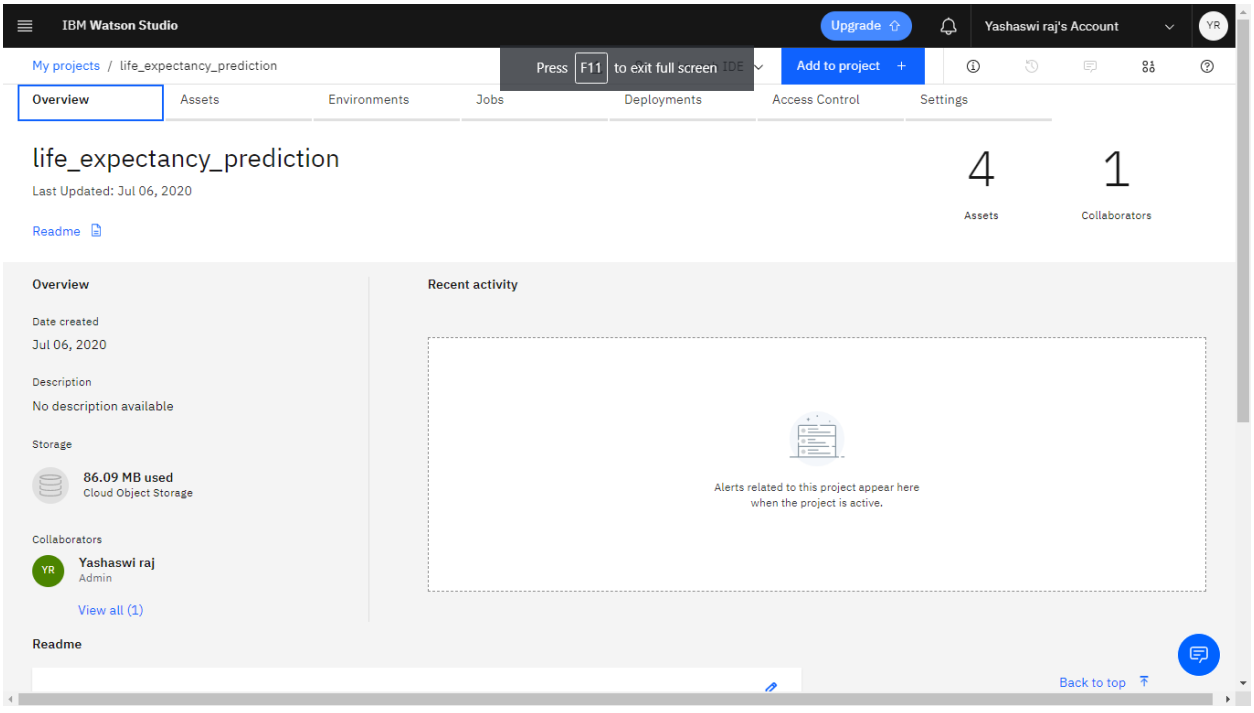


Predict Life Expectancy without python:

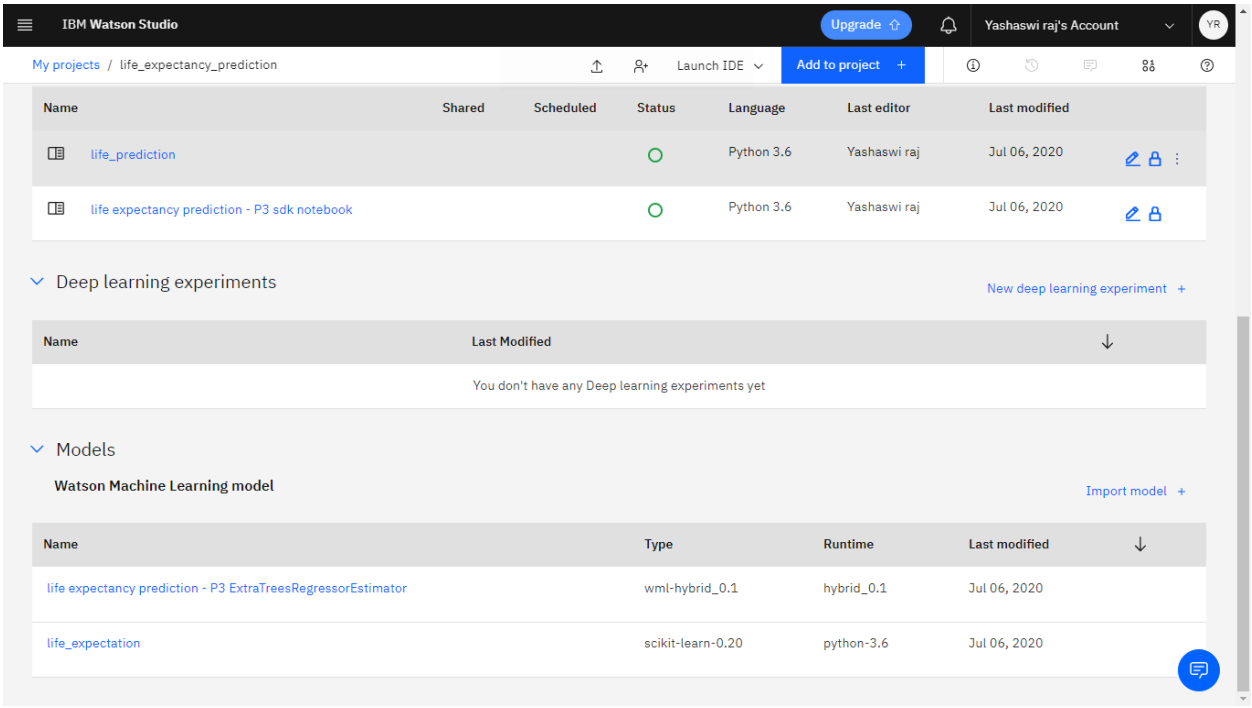
IBM Cloud Service:



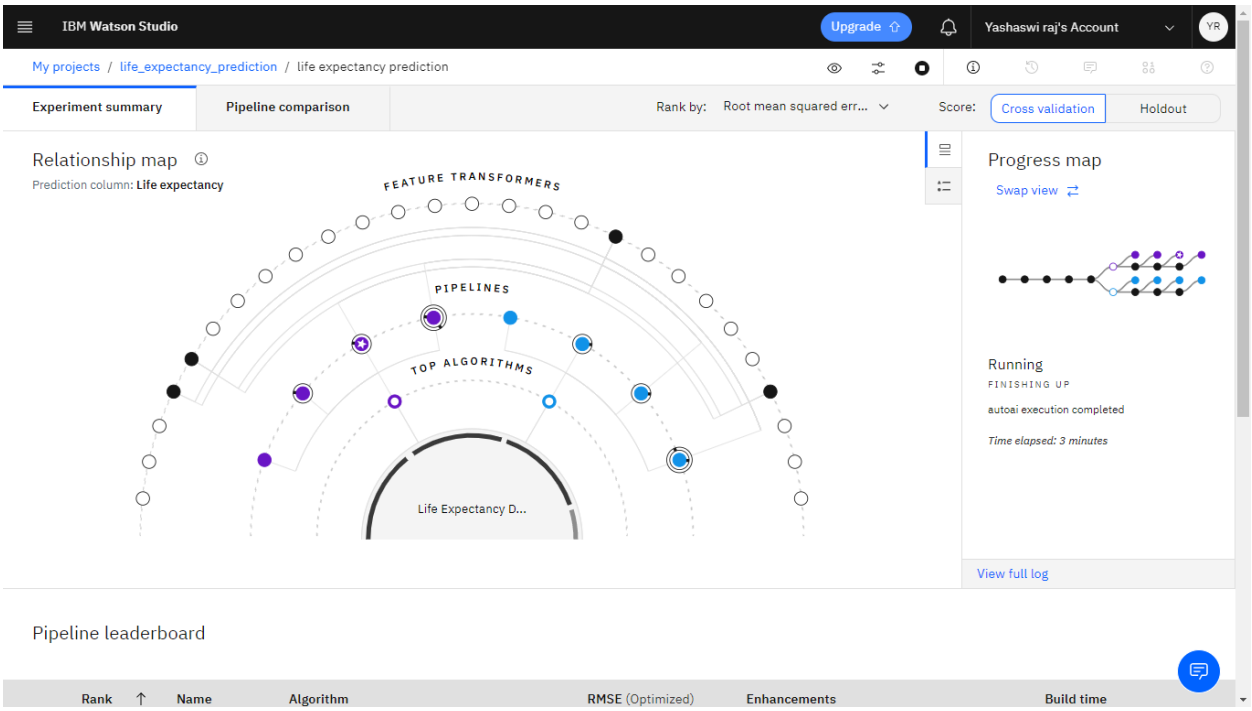
Create Watson Project:



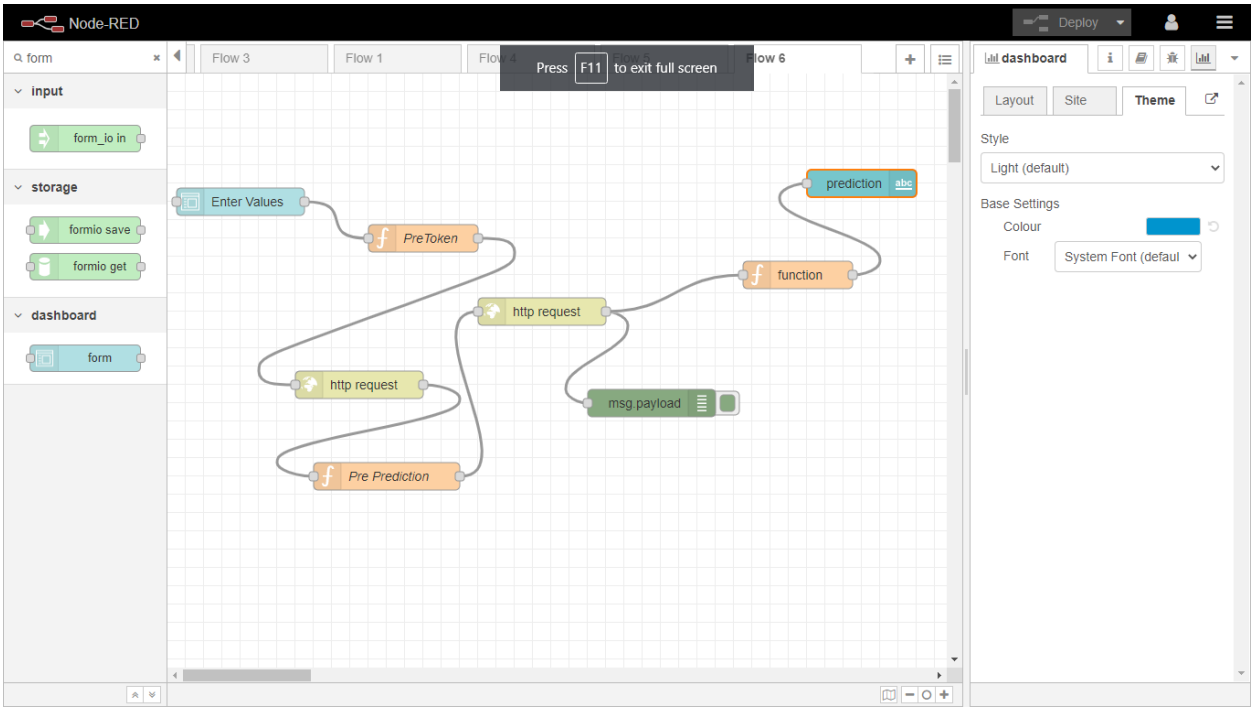
Create Machine Learning Service:



Auto AI Experiment:



Node-Red Flow:



LIfe Expectancy Prediction: