Project Scope:

The project tries 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 data originates from here:
https://www.kaggle.com/kumarajarshi/life-expectancy-who/data

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: Prem Vinod Bansod

Deliverables:

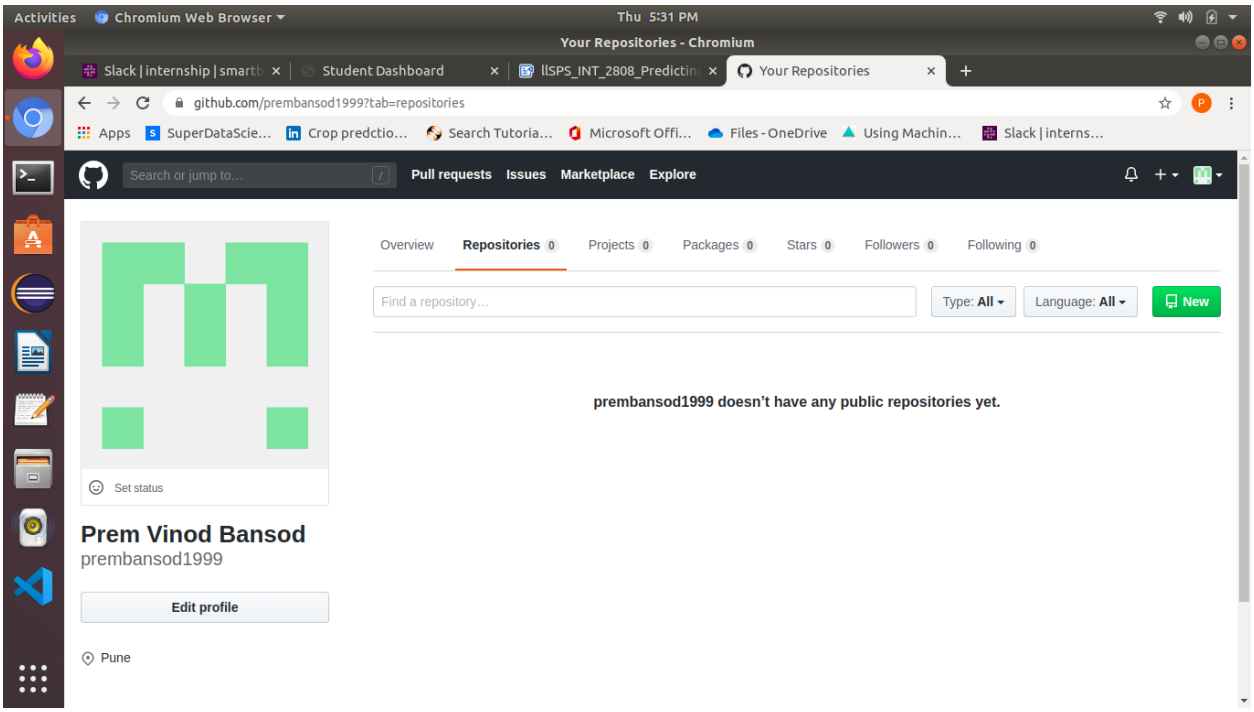
None.

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.

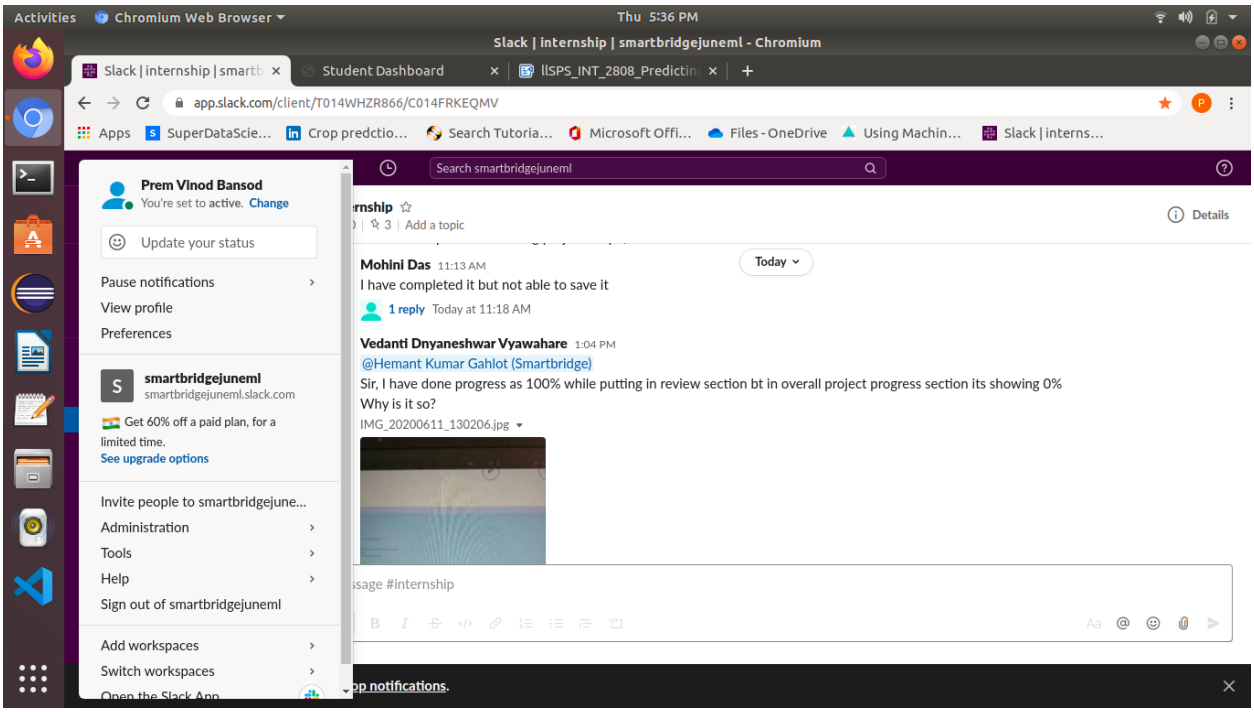
Github Account created:



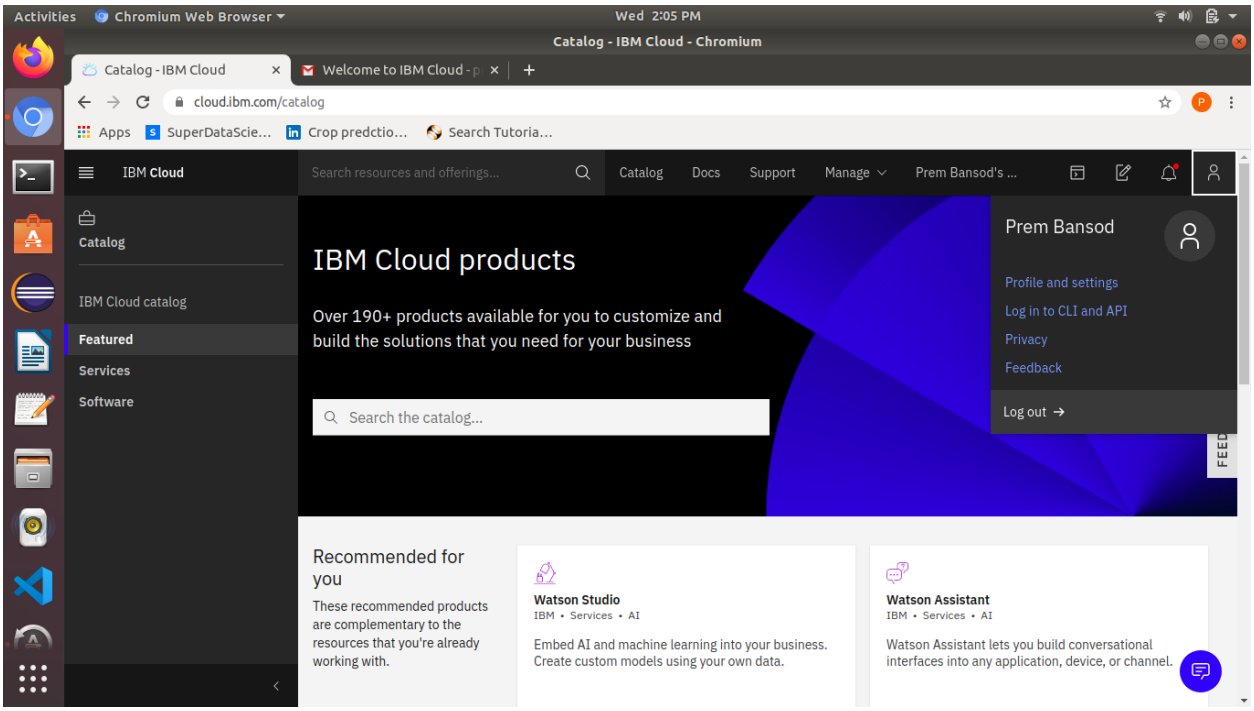
Slack:

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.

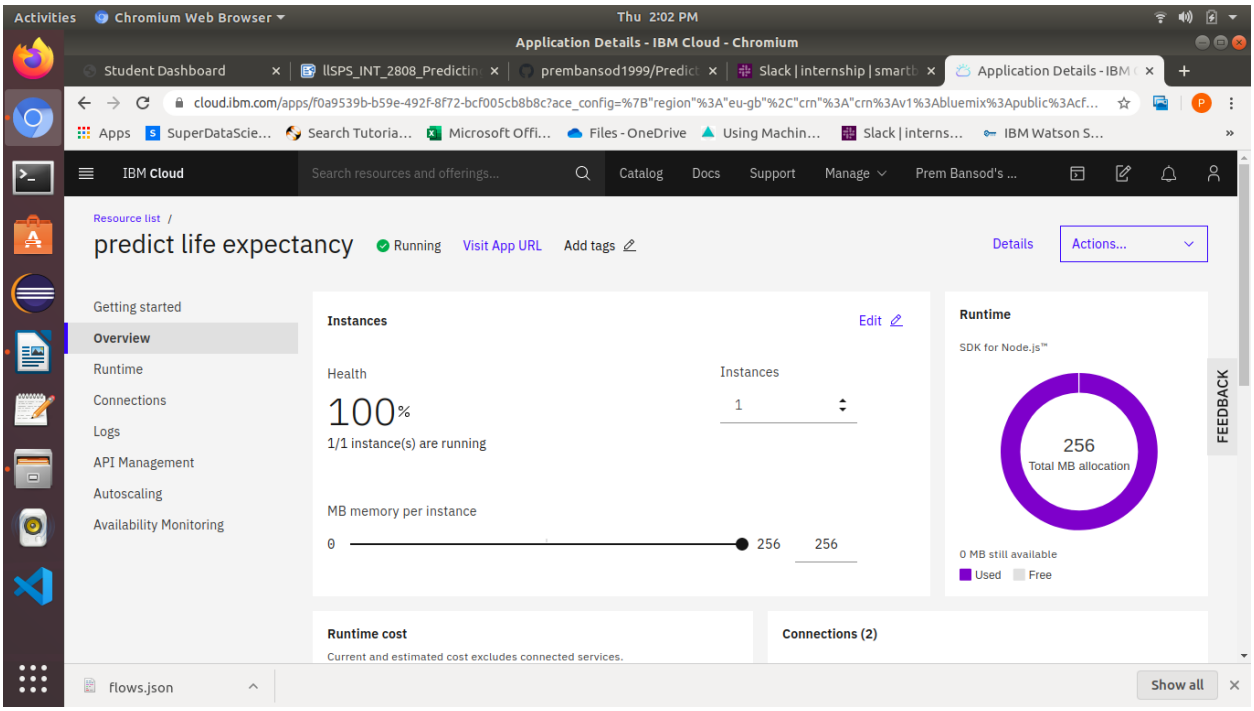
Slack account created:



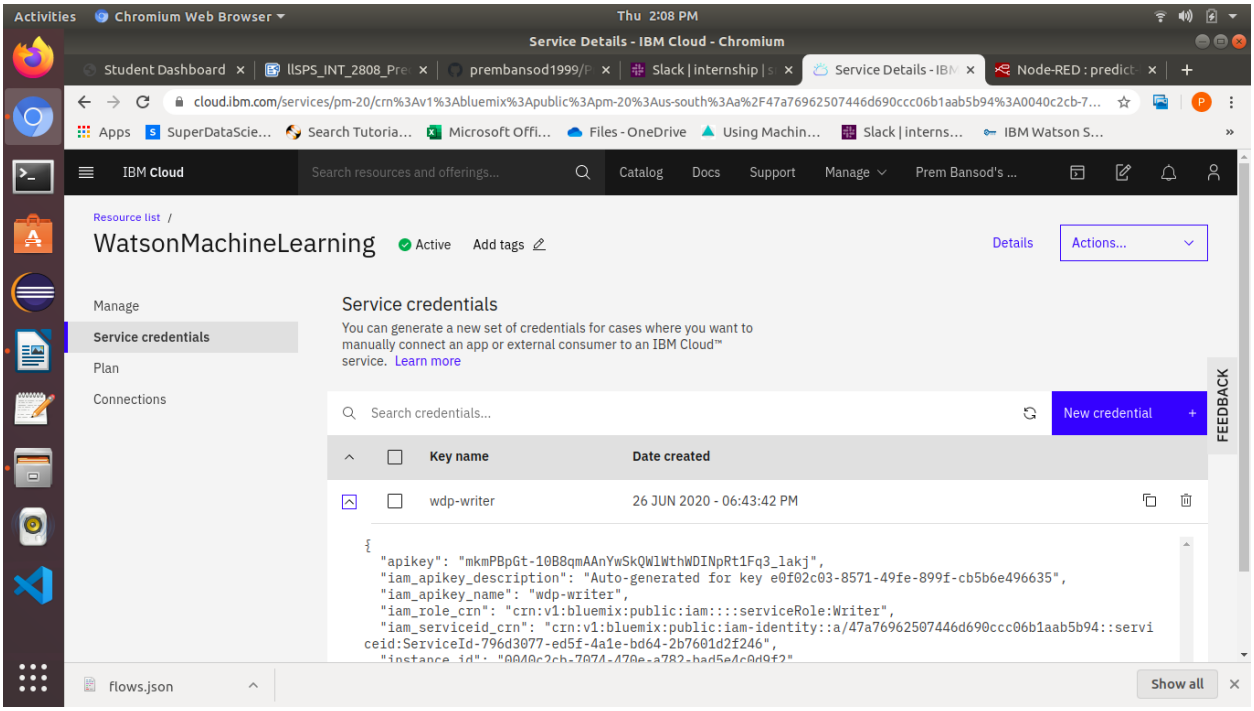
IBM cloud account created:



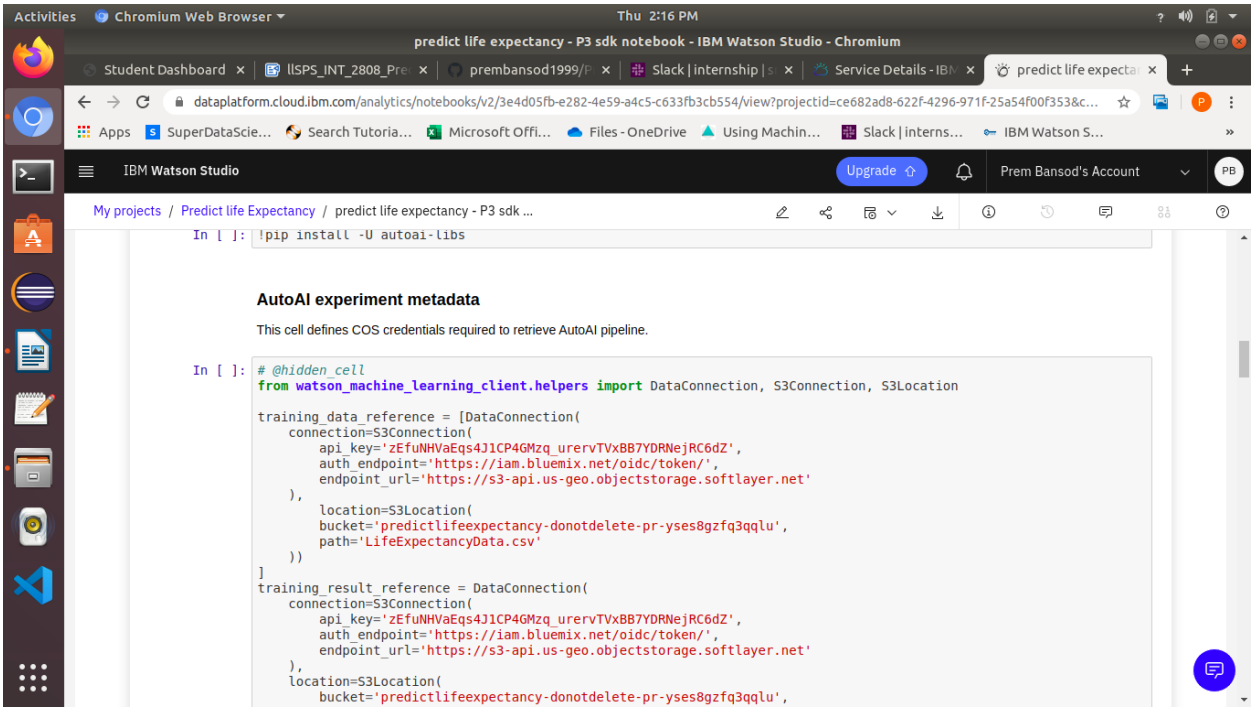
Node-red Starter application:



IBM Watson Machine Learning:

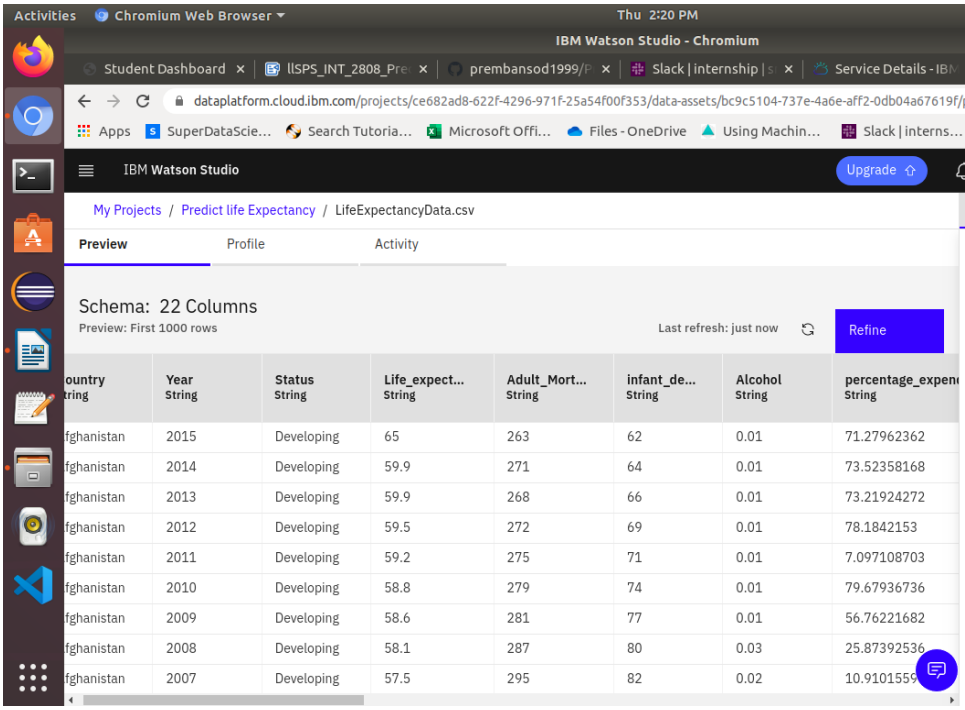


IBM Watson Studio:



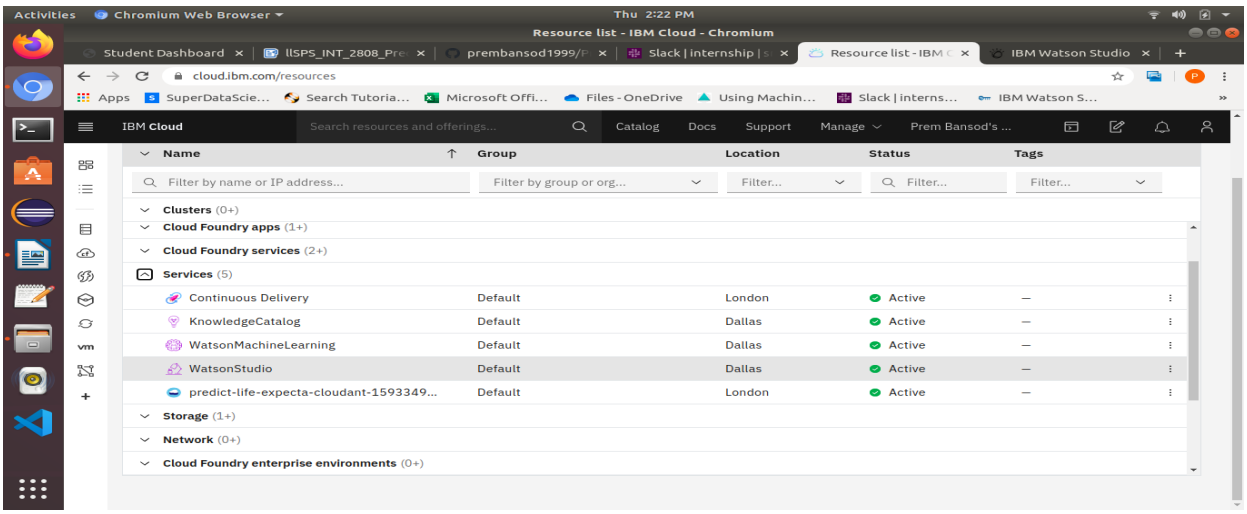
Predict Life Expectancy without python:

Dataset:

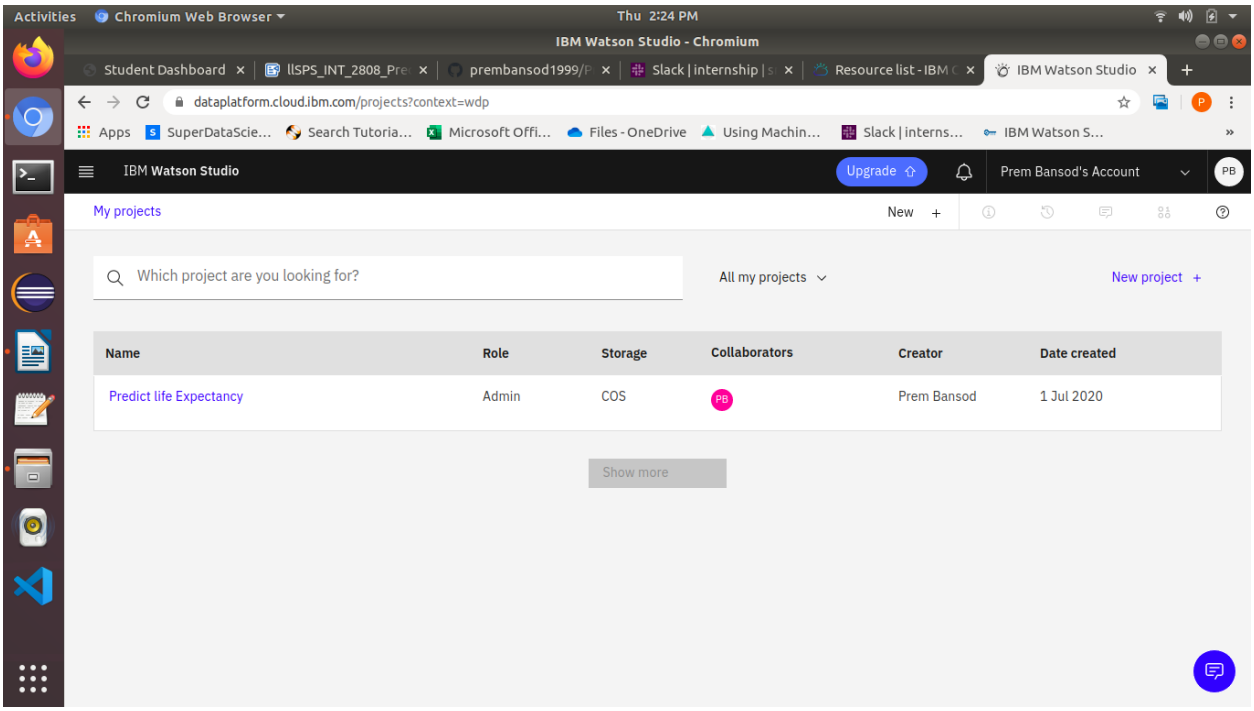


ountry String	Year String	Status String	Life_expect... String	Adult_Mort... String	infant_de... String	Alcohol String	percentage_expen String
fghanistan	2015	Developing	65	263	62	0.01	71.27962362
fghanistan	2014	Developing	59.9	271	64	0.01	73.52358168
fghanistan	2013	Developing	59.9	268	66	0.01	73.21924272
fghanistan	2012	Developing	59.5	272	69	0.01	78.1842153
fghanistan	2011	Developing	59.2	275	71	0.01	7.097108703
fghanistan	2010	Developing	58.8	279	74	0.01	79.67936736
fghanistan	2009	Developing	58.6	281	77	0.01	56.76221682
fghanistan	2008	Developing	58.1	287	80	0.03	25.87392536
fghanistan	2007	Developing	57.5	295	82	0.02	10.9101559

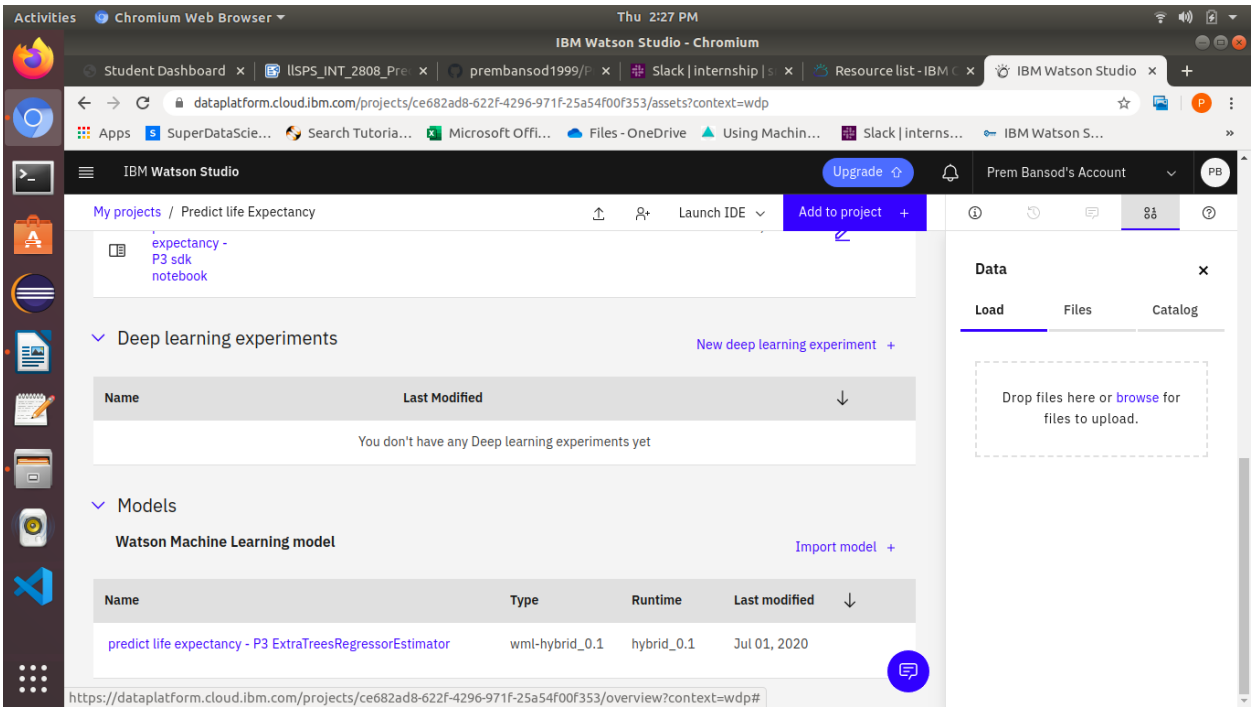
IBM Cloud Services:



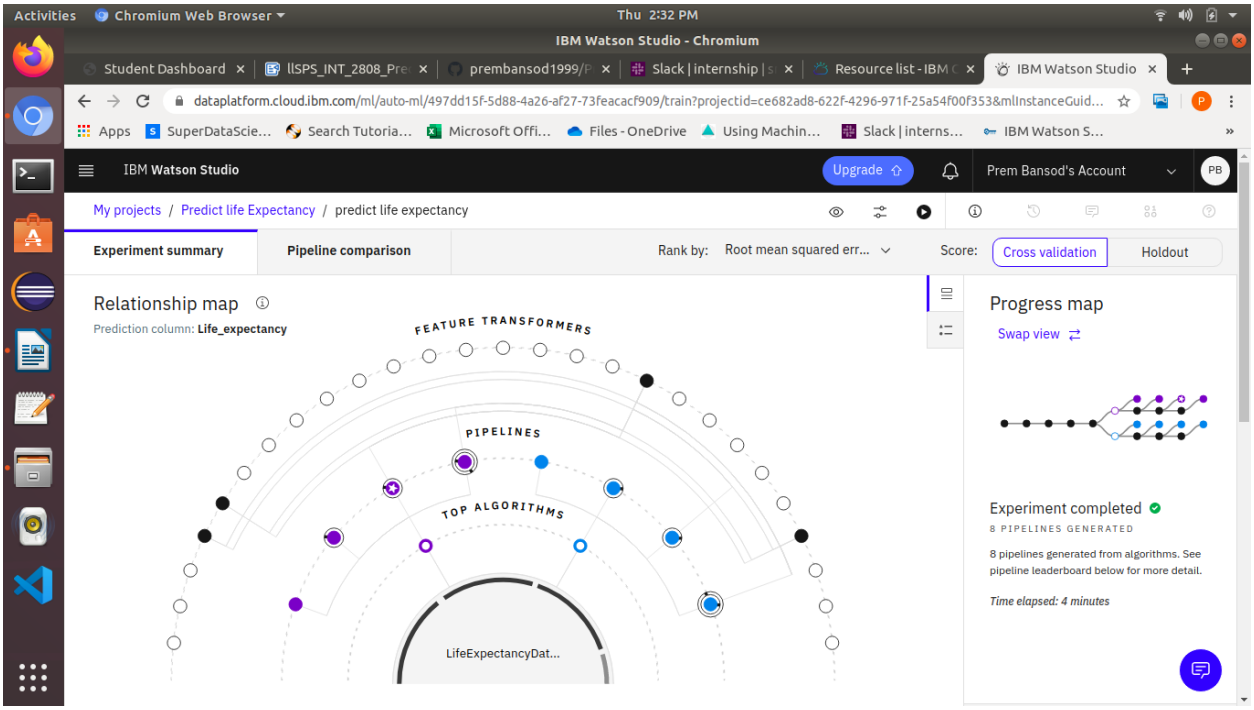
Create Watson Project:



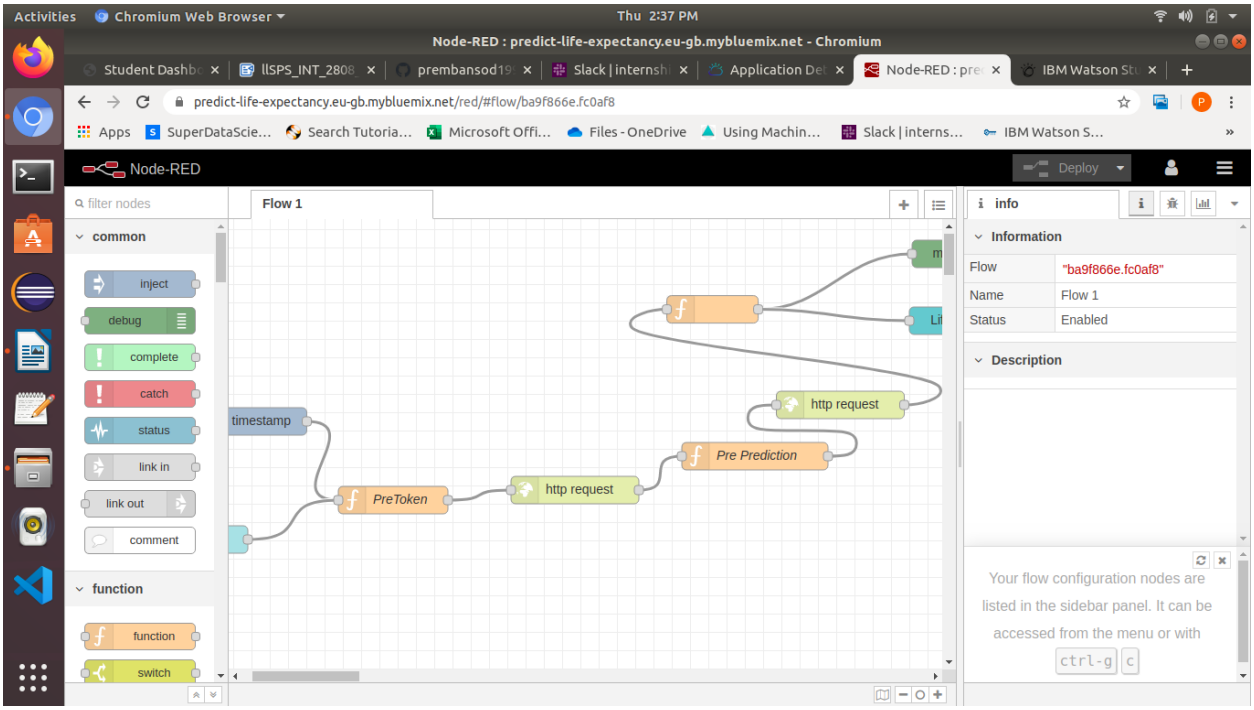
Create Machine Learning Service:

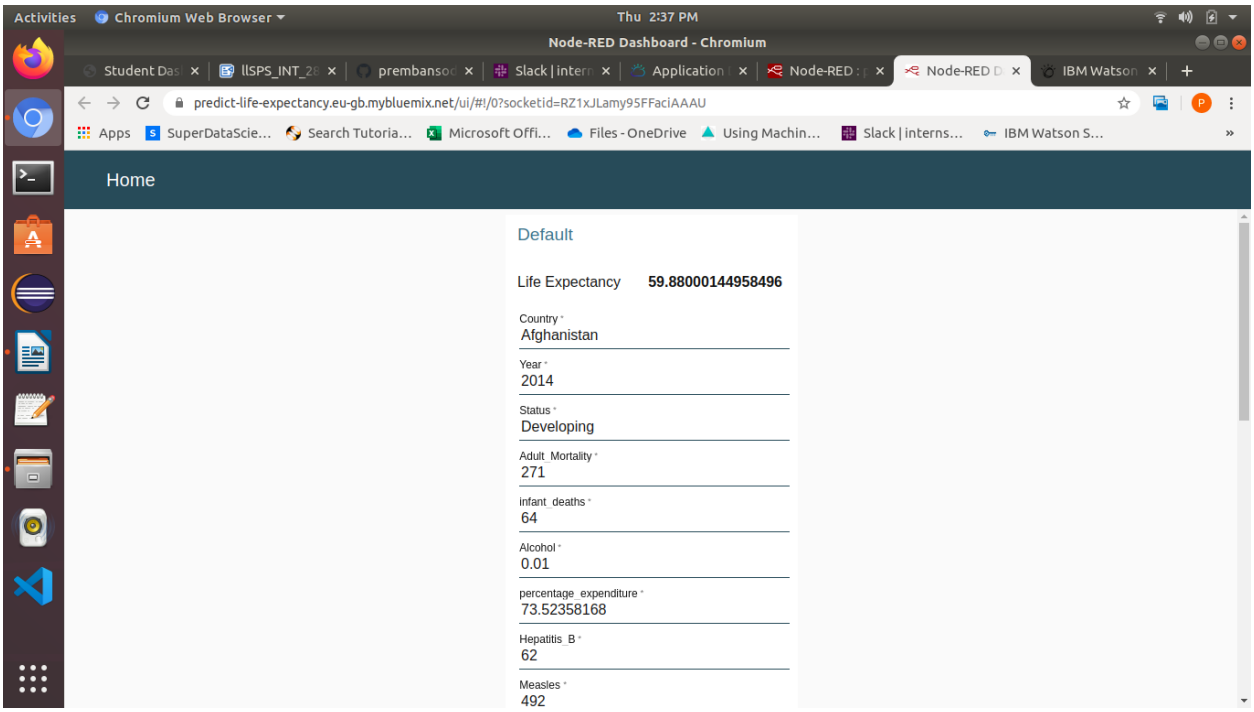


Auto AI Experiment:



Node-Red Flow:




Activities
Chromium Web Browser
Thu 2:37 PM
Node-RED Dashboard - Chromium
predict-life-expectancy.eu-gb.mybluemix.net/ui/#!/0?socketid=RZ1xJLamy95FFaciAAAU
Home
Default
Life Expectancy 59.88000144958496
Country * Afghanistan
Year * 2014
Status * Developing
Adult_Mortality * 271
infant_deaths * 64
Alcohol * 0.01
percentage_expenditure * 73.52358168
Hepatitis_B * 62
Measles * 492