Weekly Report 2

Machine Learning

I started taking a course on Applied Machine Learning and This is the progress I made in that course this week

- Refreshed Basics of Python
- Installed Anaconda
- Wrote Hello World Code in Jupyter Notebook
- Learned to import pandas and matplot libraries
- Learned Theory related to Linear Regression and its applications
- Downloaded a data-set online

Worked on the **ISA Student Corner website**

- Completed Front end of the landing page
- Made it responsive for mobile size
- Pushed it to an online repository available in github.com/KevinMathewTh

- Need to make it responsive for tablets and fix some glitches
- Need to make the code more organised
- Need to complete the sign-up and register section

Web Development

- Installed Node.js
- Ran a hello world Test using Node

Sample Node code for automation

```
var fs=require('fs'); //fs is file system
var https= require('https'); // https for getting images fromweb

//Creating a file

fs.writeFile(__dirname + "/index.html","<h1>Hello World</h1>",function(error){
	if(error){
		return console.log(error);
	}else{
		return console.log("Congrats");
	}
})

//To download images from the web and put it into the file

var myphotolocation='https://images.unsplash.com/photo-1556741533-411cf82e4e2d?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=1050&q=80'
```

```
https.get(myphotolocation,function(response){
        response.pipe(fs.createWriteStream(__dirname + "/img.jpg"));
})
```

- Got NPM and Package Management
- Install lodash and normalize.css

  npm init -y (to instalize the package.json file)
  npm install (to install all the packages in package.json)