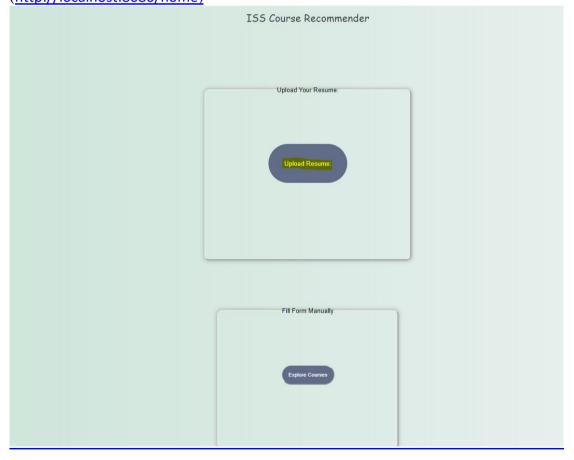
## **User Guide**

This user guide is provided in order to give an insight of how ISS Course Recommender works. It takes through an example of how to derive course recommendations based on user input.

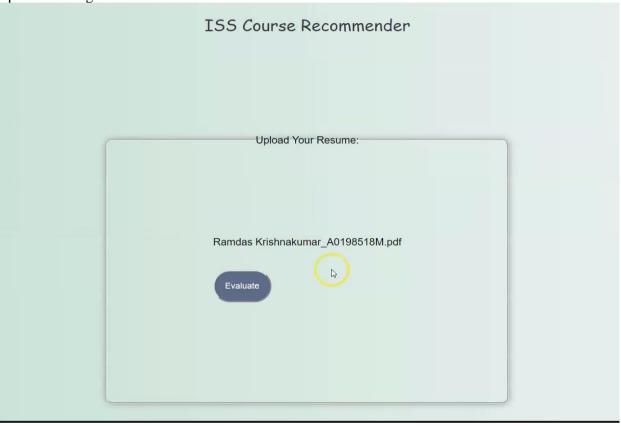
Input is gathered from both the users resume (docx/PDF format). The data is parsed and populated in the forms presented for data collection. This is followed by the customer filling in the missing data. The customer can alternatively fill the form and avoid uploading his/her resume. Based on his inputs the relevant pre-requisites are identified and fed into a Drools engine. Based on pre-derived rules, a recommendation is provided to the user from which he can select his required courses. His required courses are then fed to an Optaplanner, which selects the best course dates to avoid overlap and spread out your courses more evenly. The user is then presented with this optimal proposal.

The following are the steps to generate recommendations:

1. Go to ISS Course Recommender home page where you can upload your resume (http://localhost:8080/home)



2. Upload file to given location and click on evaluate



3. Select interested field by reading the descriptions and click on search course

ISS Course Recommender

Career-Start-in Artificial Intelligence

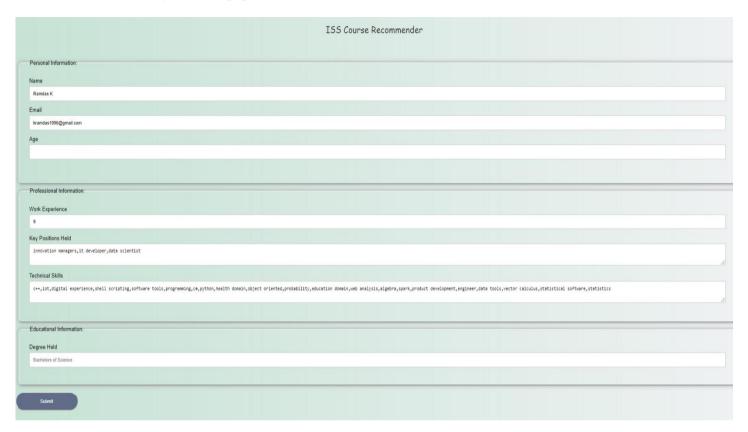
Artificial Intelligence

Harness the full potential of data and analytics to gain a competitive edge in todayát<sup>20</sup>'s business climate.

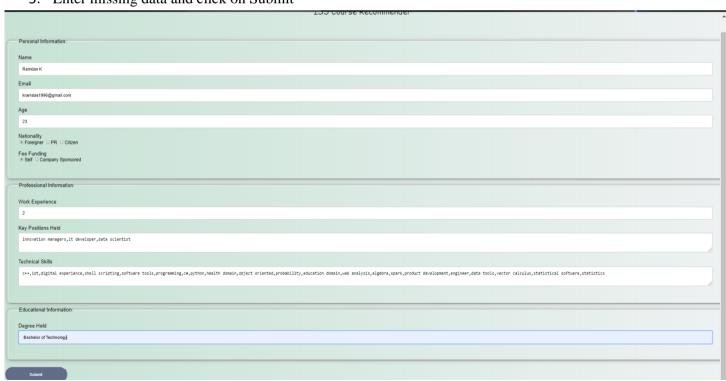
ISS provides a comprehense suite of Artificial Intelligence courses that will empower participants with the capability to make data driven and evidence-based decisions. These assets are protein in the development of effective strategic solutions and the effort to achieve greater competitive advantage courses that will empower participants with the capability in the skill to interpret social media data and produce effective actions based on the analytics.

Artificial Intelligence

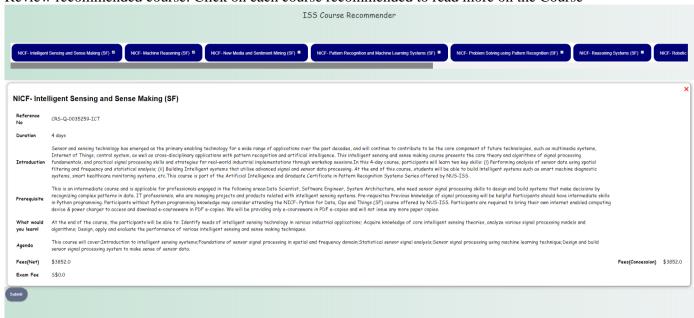
## 4. Check and verify the auto-populated data



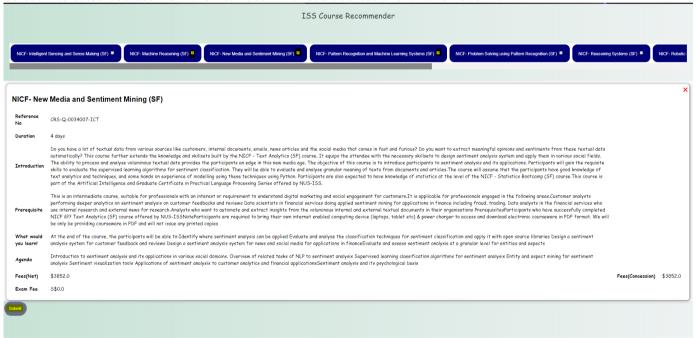
5. Enter missing data and click on Submit



6. Review recommended course. Click on each course recommended to read more on the Course



7. Select interested courses from the list recommended courses and click on submit.



8. Wait for the Optaplanner to finish schedule optimization. Review Optimal Course Recommendation.

