**Internship Report**

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| Title of Internship | NAAC Survey Analyzer | | | |
| Name of Mentor | Amit Nerurkar | | | |
| Name of Students & Roll No. | Sr.No | Name | Roll No. | Mobile No. |
| 1. | Abhishek Yashvant Phalak | 18102A0027 | 9769976580 |
| 2. | Shubhankar Ravindra Yevale | 18102A0031 | 9321699005 |
| 3. | Piyush Dilip Patil | 18102A0036 | 7738104523 |
| Semester & Batch | Sem 7, CMPN A | | | |
| Domain of project/Area | Machine Learning and Natural Language Processing | | | |
| Technologies used | Python, scikit learn, pandas, nltk, tensorflow, seaborn, matplotlib, tkinter | | | |
| Duration | 21 June 2021 - 25 Aug 2021 | | | |
| Project features | 1. Project can calculate department wise NPS scores. 2. It also analyses sentiments of the suggestions given to classify as positive, neutral or negative and gives the detailed report. 3. The top 10 department wise frequently occurring positive and negative suggestions gets downloaded on your local device in csv format. | | | |
| Project Abstract | NAAC surveys that are being conducted for the college are very crucial to know whether the facilities provided to the students are reaching to each one of them and can also be used to asses student teacher relation. This survey if analyzed correctly, can help us to gain feedback which in turn can help us to improve in order to enhance student life at the college. The project aims to calculate department wise NPS score from the survey. By using machine learning models and neural networks for natural language processing, it classifies the suggestions received in the survey into three categories mainly positive suggestion, negative suggestion and neutral suggestion. These classified suggestions are further analyzed to take out most frequently occurring words/suggestions to list the top 10 positive and negative suggestions so that the respective department can work on those suggestions to improve. Total 7 csv files are generated where in 6 csv files has respective top 10 positive and negative suggestions department wise while the 7th csv file contains department wise NPS scores of the questions in the survey. | | | |
| Screenshots  (Min 3-5) |  | | | |
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Mentor Signature