

Internship Report

Title of Internship	NAAC Survey Analyzer			
Name of Mentor	Amit Nerurkar			
Name of Students &	Sr.No	Name	Roll No.	Mobile No.
Roll 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, sickit learn, pandas, nltk, tensorflow, seaborn, matplotlib, tkinter			
Duration	21 June 2021 - 25 Aug 2021			
Project features	 Project can calculate department wise NPS scores. It also analyses sentiments of the suggestions given to classify as positive, neutral or negative and gives the detailed report. 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 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 7 th csv file contains department wise NPS scores of the questions in the survey.			

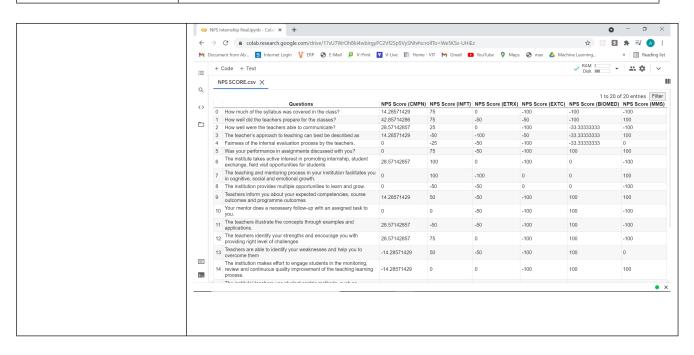


Department of Computer Engineering In-house Internship July 2020-21





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Mentor Signature