

LTRC Remote Internship Schedule

	Course - Contents	Timeline	Instructor	Submission Deadline
Preparation Week	Installation of python IDE tools and web-interfaces	28-11 to 03-12		
Lecture-1	Python basics (data structures, flow controls, and functions)	04-12-2021	Ashok	
	Quiz-1	08-12-2021		
	Assignment-1			10-12-2021
Lecture-2	Essential Libraries in python (Introduction to Numpy, pandas, and matplotlib)	11-12-2021	Ashok	
	Quiz-2	15-12-2021		
	Assignment-2			17-12-2021
Lecture-3	Regular expressions, stop words, lemmatization, stemming, Tokenization and Challenges in tokenization and Zipf's Law	18-12-2021	Pavan	
	Quiz-3	22-12-2021		
	Assignment-3			24-12-2021
Lecture-4	Spelling mistake detection and correction with minimum edit distance, Chunking and NER, POS tagging	25-12-2021	Sunil Gundapu	
	Quiz-4	29-12-2021		
	Assignment-4			31-12-2021
Lecture-5	Language Modeling, Smoothing techniques and HMM Intro	01-01-2022	-	
	Quiz-5	05-01-2022		
	Assignment-5			07-01-2022

Lecture-6	Vector representations (word embeddings)	08-01-2022	-	
	Quiz-6	12-01-2022		
	Assignment- 6			21-01-2022
Lecture-7	Neural Networks basics and SLP, MLP	22-01-2022	-	
	Quiz-7	26-01-2022		
	Assignment-7			28-01-2022
Lecture-8	Classifiers Introduction	29-01-2022	-	
	Quiz-8	02-02-2022		
	Assignment-8			04-02-2022
Lecture-9	RNN, LSTM, GRU intro	05-02-2022	-	
	Quiz-9	09-02-2022		
	Assignment-9			11-02-2022
Lecture-10	Introduction to Keras, Pytorch, and Tensorflow, Applications of NLP + summer internship projects description	12-02-2022	Ashok	
	Quiz-10	16-02-2022		
	Assignment-10			17-02-2022
Reserve Days		18-02 to 27-02		
Final selection List release		28-02-2022		

Note:

1. All the lectures were supposed to schedule on every saturday 5 to 6.30 PM
2. Pre-reading material for every lecture will be released on every thursday 5 PM
3. All the quizzes will be held on every wednesday 6 to 6.30 PM
4. Assignments will be released immediately after each lecture
5. Previous week assignment solutions will be released on every friday.