



Pune Knowledge Cluster in Collaboration with Icertis *Presents*

Course On NLP acceleration Program

Organized By	Pune Knowledge Cluster (PKC)
In Collaboration with	Icertis
Date	Start Date: 8 th April 2021 End Date: 25 th May 2021
Location	The course will be conducted on an online platform
Course Description	<p>Artificial Intelligence (AI) can help in enhancing the understanding of Contracts including clauses, data, notes, comments and contexts associated with them. The field of AI most relevant to this purpose is Natural Language Processing (NLP). Natural Language is very dynamic. Vocabulary, the structure of the text and the distribution of words change over a period of time. True in everyday usage as a part of the drive towards simplicity. True in specific domains where newer legislation like GDPR and challenges like COVID introduce new vocabulary and new constructs. These continuous changes challenge conventional models of NLP. Techniques from Statistical Machine Learning and Connectionist learning are to a great extent able to deal with this continually changing landscape. However, a multitude of challenging problems awaits breakthrough solutions.</p>
For whom	<ul style="list-style-type: none">• Master's in Computer science/ analytical sciences/ relevant subjects• NLP - Having an understanding of Machine Learning, deep learning and any programming language is mandatory. Python programming knowledge will be an added advantage.
Potential Gains	<p>True in specific domains where newer legislation like GDPR and challenges like COVID introduce new vocabulary and new constructs. These continuous changes challenge conventional models of NLP. Techniques from Statistical Machine Learning and Connectionist learning are to a great extent able to deal with this continually changing landscape. However, a multitude of challenging problems awaits breakthrough solutions.</p>



Trainers	Kiran Bableshwar Chintan Gotecha Sunu Engineer Yogesh Kulkarni Kalpa Ashhar
Number of Seats	The maximum number of participants will be limited to 40.
Registration Fees	There is no registration fees

COURSE DETAILS	
Topic	Presenter
Introductory Session	Kiran Bableshwar/ Sunu/ Yogesh
Natural Language Processing - An overview From Historical elements to current trends and techniques	Chintan Gotecha
From words and sentences to documents: Extracting useful knowledge from structure and content of documents	Sunu Engineer
Structure and content of legal documents: Contracts and related artifacts. The idea of 'legalese' as a dialect of Natural Language	Sunu Engineer
NLP processes in contract analysis: Clause Delineation	Chintan Gotecha
NLP processes in contract analysis: Clause Classification	Yogesh Kulkarni
NLP processes in contract analysis: Contract clustering and Classification	Kalpa Ashhar
NLP processes in Contract Analysis: Attribute extraction, NER, Rules	Chintan Gotecha
Supervised learning leading to Knowledge mining in contracts	Sunu Engineer
Unsupervised learning of Knowledge Representations - Techniques	Kalpa Ashhar

OUR PRESENTERS


Kiran
Bableshwar




Yogesh
Kulkarni


Chintan
Gotecha


Sunu
Engineer


Kalpa
Ashhar



	<p>About the organiser: The Pune Knowledge Cluster (PKC)</p> <p>The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Adviser to the Government of India. The aim is to bring together academia, R&D institutions and the industry of Pune and its surrounding areas, to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources. Furthermore, PKC aims to foster capacity building and promote skills development and entrepreneurship among the students and professionals of the city. All relevant organizations and experts will be partners and consulted to identify sustainable solutions to the problems of the city and improve its liveability and prosperity. While the PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), it is a project of and for the whole city. In the initial phase, PKC would focus on air, water, health, and sustainable mobility. For more information, visit: https://www.pkc.org.in/</p>
	<p>ABOUT ICERTIS</p> <p>With unmatched technology and category-defining innovation, Icertis pushes the boundaries of what's possible with contract lifecycle management (CLM). The AI-powered, analyst-validated Icertis Contract Intelligence (ICI) platform turns contracts from static documents into strategic advantage by structuring and connecting the critical contract information that defines how an organization runs. Today, the world's most iconic brands and disruptive innovators trust Icertis to govern the rights and commitments in their 7.5 million+ contracts worth more than \$1 trillion, in 40+ languages and 90+ countries.</p> <p>www.icertis.com</p>