



DEPARTMENT OF INFORMATION TECHNOLOGY

AICTE Sponsored One Week Online STTP on Data Science for Social Good Part I

No.	Day Session	Topic	Speaker
Inauguration			
Day 1 24.08.2020	Day 1 Session 1.1	Statistical Foundations to Data Science	Dr.Aditya Konduri, Assistant Professor, Department of Computational and Data Sciences, IISC, Bangalore.
	Day 1 Session 1.2	Python for Data Science	
	Lunch		
	Day 1 Session 2.1	NumPy, Pandas and Matplotlib	
	Day 1 Session 2.2	Data Science in Real World	Dr. Nalini Polavarapu, Head of Data Science, Customer Centricity, Bayer, Chicago.
Day 2 25.08.2020	Day 2 Session 1.1	Regression Analysis in Data Science	Mr. M.Srinivas, Research Scholar, IIIT-Hyderabad.
	Day 2 Session 1.2	Applications of Regression	
	Lunch		
	Day 2 Session 2.1	Exploratory Data Analysis	Dr. A.Vadivel, Associate Professor, Dept of CSE, SRM University.
Day 2 Session 2.2	EDA-Handson		
Day 3 26.08.2020	Day 3 Session 1.1	Machine Learning Classifiers	Dr. Rajeswari Sridhar, Associate Professor, NIT Tirchy.
	Day 3 Session 1.2	Machine Learning Classifiers	
	Lunch		
	Day 3 Session 2.1	Machine Learning Model-Clustering	Dr. A.Vadivel, Associate Professor, Dept of CSE, SRM University
Day 3 Session 2.2	Clustering		
Day 4 27.08.2020	Day 4 Session 1.1	Dimensionality Reduction	Mr.N. Vamsi Surya, Data Scientist, EAC Solutions Pvt. Ltd, Hyderabad
	Day 4 Session 1.2	Dimensionality Reduction	
	Lunch		
	Day 4 Session 2.1	Machine Learning Applications	Dr.Aditya Konduri, Assistant Professor, Department of Computational and Data Sciences, IISC, Bangalore
Day 4 Session 2.2	Role of ML/AI in High Performance Computing		
Day 5 28.08.2020	Day 5 Session 1.1	Communicating Data Science Results: Data Visualization	Mr. N.Vamsi Surya, Data Scientist, EAC Solutions Pvt. Ltd, Hyderabad
	Day 5 Session 1.2	Visualization-Exploring and Explaining Data	
	Lunch		
	Day 5 Session 2.1	Visualization-Tableau	Mr. M.Srinivas, Research Scholar at IIIT-Hyderabad
Day 5 Session 2.2	Tableau-usecase		
Day 6 29.08.2020	Day 6 Session 1.1	Applications of Data Science for Social Good	Dr.Madhu Bala Myneni, Professor, Department of CSE& IT, Institute of Aerounatical Engineering,
	Day 6 Session 1.2	Stories of Impact and Use cases	
	Lunch		

29.08.2020	Day 6 Session 2.1	Research Perspectives in Data Science	Dr. A.Haritha , Associate Professor, Dept of IT, PVP Siddhartha Institute of Technology, VJA
	Day 6 Session 2.2	Research Perspectives in Data Science	

