Python for Data Analysis - Anamika Gupta

About the speakers

Prof Naveen Kumar, is professor in Department of Computer Science, University of Delhi. He has more than three decades of experience in teaching programming languages and more than a decade of research experience in machine learning algorithms. He has authored a book on Python Programming and has published and presented several research papers in reputed journals. He has guided several research scholars in the areas of data mining, neural networks, social network mining, genetic algorithms etc.

Dr. Anamika Gupta is Assistant Professor (Sr.) in Department of Computer Science, S.S. College of Business Studies, University of Delhi. She has more than sixteen years of teaching experience in programming languages and more than a decade of research experience in data mining. Her research interests are in the field of Association Rule Mining, Classification, Formal Concept Analysis, Data Analytics. She has published and presented several research papers in the international conferences and journals. She is member of editorial board of several journals and member of program committee of several international conferences.

Abstract

The workshop is intended to give an overview of data analysis techniques using Python. The libraries such as Numpy, Panda, Scikit, matplotlib etc. will be explained. One example will be taken as reference and all relevant functions will be explained with the help of that example. Effort will be to show working of two different classification algorithms and analysis results of those on the example dataset. Visualizing the results using matplotlib will be elaborated.

Little working knowledge of any programming language Anaconda Installed in the laptop with Python 3.6 (Preferred).