



**P.B.Siddhartha College of Arts & Science :: Department of Computer Science
Hands on Workshop on Python for Data Science, 29th August 2022**

- (a) Type of Event: Hands-on Workshop
- (b) Title of Event: **"Python for Data Science" One day Hands on Workshop**
- (c) Date of Event organized/Duration: 29/8/2022; One Day
- (d) Venue: MSDS Lab
- (e) Details about Resource Person: Mr.Sairam Uppugundla, CEO, Codegnan IT Solutions Pvt. Ltd, Vijayawada Graduate Students benefitted through this program.
- (f) Mobile: 9959555952, Email: sairam@codegnan.com
- (g) Name of the Coordinator: Mr. K. Sudhir, Assistant Professor, Department of Computer Science
- (h) Topics Covered: Introduction to Python, Python Strings, Python Data Structures: Lists, Tuples, Sets, Dictionaries, NumPy and its Methods, Pandas:Series, Dataframes, Making Changes to Series and Data Frames, Importing and Exporting Data, Plotting:Matplotlib Introduction, Univariate Plots- Histograms, Bivariate Plots-Scatter Plot and Box Plot.
- (i) Number of Participants: 36 Students from B.Sc.(AIML) and 4 Faculty Members.
- (j) Feedback given by participants (Both strength and weakness):

Strengths:

- Excellent and talented Industry Expert.
- Students can join for Internships in Codegnan.
- Exposure of students to Data Analysis Domain.
- Hands on practice with multiple examples.
- Workshop covered topics in their syllabi as well as beyond syllabi.

Weakness:

- More hands-on experience is required to strengthen the practical knowledge.
- Faculty can concentrate more when there is no class work
- How to overcome weaknesses of upcoming events: It is decided to arrange hands-on training for the upcoming events and also planned to organize these kinds of events in vacation.



Resource person Mr.U.Sairam demonstrating Data Analysis using Graphs.