



GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY::NELLORE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Report on One Week Workshop on Data Analysis Using Python

Six Day's workshop on 'Data Analysis using Python' was successfully conducted by the joint auspices of department of Computer Science & Engineering and APSSDC in association with CSI, ISTE at Geethanjali Institute of Science and Technology from 22-03-2021 to 27-03-2021.

The Inaugural Session was preceded by Head of the Department Dr.V.Sireesha, addressed gathering by IICC Head Dr.P.Chakrapani, Importance of the workshop by Principal Dr.G.Subba Rao and about technical introductory by Multi Skill Trainer Mr.B.Vijay Kumar from APSSDC.

The workshop was organized with the objective of promoting the awareness and skills among the IV year 104 students about deep learning concepts of Data analysis using Python.

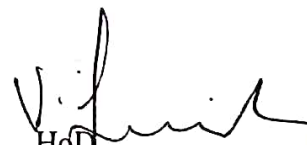
Mr. B. Vijay Kumar, Mr.Y.Venkatesh, Mr.B.Ravi Sastry, Mr.P.Anil and Ms.Sana Sudha are the trainers from APSSDC, explained each and every concept related to Python Programming Concepts and Github.

**Workshop Coordinator: Ms.K.Sreelakshmi, Assistant Professor, CSE**

In this workshop students gained Hands-on Experience on usage of GitHub and Data Analysis using Python as follows:

- Data Science and analysis is playing the most significant role today covering every industry in the market.
- For e.g. finance, e-commerce, business, education, government.
- Now organizations play a 360-degree role to analyze the behaviour and interest of their customers to make decisions in favour of them.
- Data is analyzed through a programming language such as python which is one of the most versatile languages and helps in doing a lot of things through it.
- Netflix is a pure data science project that reached the top by analyzing every single interest of their customers. Keywords: Data Visualization, Anaconda Jupiter Notebook, Exploratory Data Analysis, Machine Learning.
- They have gained Hands- on Experience on Python Course contents like below:
  - Types of Data in Statistics (Numerical & Categorical)
  - Overview of Python Concepts
  - Data Manipulation with NumPy
  - Data Analysis with Pandas
  - Data Cleaning with Pandas & Data Pre-processing with Scikit Learn
  - Introduction to Data Visualization with Matplotlib
  - Data Visualization with Seaborn

  
Faculty In-Charge

  
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### Feedback Analysis Report of One week Workshop on Data Analysis using Python

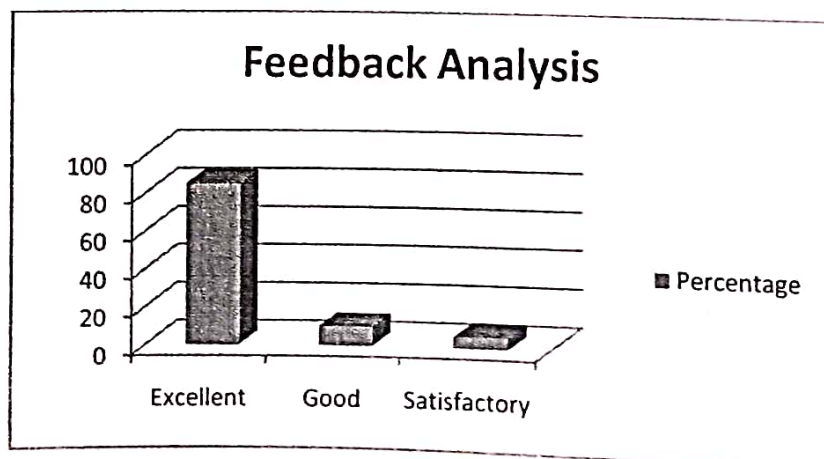
We have conducted one week Workshop on Data Analysis Using Python for Final Year students totally attended 101 members from 22-03-2021 to 27-03-2021 in association with APSSDC.

In this workshop students gained Hands-on Experience on usage of GitHub and Data Analysis using Python as follows as per student's feedback:

- Data Science and analysis is playing the most significant role today covering every industry in the market.
- For e.g. finance, e-commerce, business, education, government.
- Now organizations play a 360-degree role to analyze the behaviour and interest of their customers to make decisions in favour of them.
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After completion of workshop we have Received Positive feedback from participants in the aspects of content delivery, Explanation and practice on real-time examples.

#### Feedback Analysis Report



## Impact Analysis of One week Workshop on Data Analysis using Python

- ✓ With this Workshop Students can able to:
- ✓ Gain practical knowledge on Git-Hub usage to develop projects
- ✓ Hands-on experience to write programs on Data Analysis using Python
- ✓ Gain more practical knowledge to learn, understand, and practice data analysis and machine learning approaches, which include the study of modern computing data technologies and scaling up machine learning techniques focusing on industry applications.
- ✓ Easily handle the technical rounds in the interviews

  
Faculty In-charge

  
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