



RV Educational Institutions

RV Institute of Technology and Management®
Bangalore – 560076

Event Name	“Hands-on Workshop on Data Visualization”
Date	13 th July 2024
Venue	Seminar hall, RVITM
Audience	86 VI semester students of CSE branch of RVITM
Resource person	Ms. Prerana H, Sr. Data Analyst at Kipi.bi
Faculty coordinator(s)	Dr Anitha J and Dr Roopashree S

Department of Computer Science and Engineering

Objective of the Program:

The Dept. of CSE under the mentorship of Dr Anitha J and Dr Roopashree S organized a Data Visualization workshop for the students of the sixth semester of the CSE branch and 86 students attended the workshop. The “Hands-on Workshop on Data Visualization”, conducted by Ms. Prerana H, Sr. Data Analyst at Kipi.bi, was held on the 13th of July, 2024. The workshop achieved its objective of giving the students hands-on experience with effective Data Visualization tools. Received a positive feedback from the students and they requested us to organize more such workshops in the future.

Topics Covered:

- Introduction to types of Data Visualization tools/ graph
- A hands-on session with Data Visualization using matplotlib

Brief Report:

The workshop on data visualization using Python aimed to introduce students to the importance of data visualization, provide a comprehensive understanding of matplotlib, teach basic visualization techniques, and enable students to apply these techniques to real-world datasets. The workshop covered various topics, including the basics of matplotlib, creating simple to

advanced plots, customizing visualizations, and an introduction to other libraries like plotly. Hands-on practice was the integral part of the workshop, allowing students to reinforce their learning by visualizing real-world datasets. The students provided positive feedback, highlighting the engaging content, practical sessions, comprehensive coverage of matplotlib, and the supportive learning environment facilitated by Google Colab. The workshop successfully met its objectives, and the positive response from students underscores its effectiveness.



Pictures of the sessions

Coordinator Signature
Dr Roopashree S & Dr Anitha J
Dept. of CSE
RVITM

HOD's Signature
Dr Malini M Patil
Dept. of CSE
RVITM