Data Visualization for Effective Decision-Making
Programme Coordinator: Prof. Gaurav Mishra

About Programme

Data is all around us, and making judgments based on it is unavoidable. Data visualization is a critical tool for allowing professionals to make sense of and develop patterns from raw data. It is significant to identify the connections between data for actionable information. The programme aims to introduce the participants to the concepts of Data Visualization to improve the skills of presenting data in a meaningful manner. The programme would address the needs of business decision makers, aspiring data scientists, research researchers, faculty members, and data enthusiasts. Through Advanced Excel and Tableau, the training will assist them in honing their spreadsheet abilities and data visualization skills.

Learning Objectives

1. To develop a conceptual and an analytical understanding of Data Visualization
2. To develop practical skillset of Data Visualization using Tableau/Excel

Expected Learning Outcomes

At the end of programme, the participants would:

1. Understand the need of effective Data Visualization
2. Learn the principles of Data Visualization
3. Understand the use of charts in relation to type of available data
4. Able to use Tableau/Excel for advanced Data Visualization

Programme Content

1. Introduction to Data Visualisation
2. Importance of Data Visualisation
3. Tools for Data Visualisation
4. Practical approach to Data Visualization
5. Data Visualization using maps

Pedagogy

The training would engage hands-on sessions to provide participants to use Tableau and advanced Excel for Data Visualization. The concepts related to Data Visualization would be explained with the help of Data Sets on Tableau/Excel. Exercises would be included for practicing the concepts and applications. It is mandatory for all participants to carry laptops. The participants will be provided with presentation slides and related material.

Who Will Benefit?

The program is open for all development professionals in Civil Society Organizations, Project Managers and Thematic managers of SRLMs, NRLMs, officers of Rural and Urban Development, Health, Education, and data enthusiasts. A maximum of 30 participants per batch are expected to participate in the programme.

Duration

The programme sessions are designed to deliver the content of the programme effectively over a three-day period.

Programme Dates

The dates for the CEP are: Feb. 15-17, 2023.

Programme Fee

The programme fee is Rs 12,000 per participant which includes expenses towards tuition, academic material fee, lunch and refreshment and site visits (wherever applicable). Accommodation charges are extra on actual basis which will be arranged as per the needs of the participants.

Faculty for the Program
1. Prof. Gaurav Mishra (Programme Coordinator)
   (https://dmi.ac.in/about-faculty/17/Gaurav)

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