International Training Programme (E-ITEC)
on
Data Analytics for Beginners

August 28 to September 1, 2023 (1 week)

Introduction

Government officials require understanding or making sense of data. Analytics has become vital for policymakers across departments and ministries and has become a major enabler. The term "analytics" deals with how to obtain, store, analyze, visualize and present data. Improvements in data acquisition technologies and reduction in data storage cost but making sense of collected data and leading to data-driven decisions is the key.

This Data Analytics course introduces beginners to the fundamental concepts of data analytics through real-world case studies and examples. The program will also focus on how to use these techniques in practical situations to enhance decision-making.
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Objectives

The objectives of the program are to
- To introduce the participants the concepts of data analytics, and its ecosystem for gaining insights for policy and implementation.
- To help participants consider the organization's capability to analyze, and use data for gaining citizens insights.
- To gain an understanding of various techniques for analytics: Descriptive, diagnostic, predictive and visualization techniques for policy planning and implementation risk management

- To get exposure to leading data analytics software such as MS EXCEL, SPSS, and other popular analytics applications.

Program Coverage

This course primarily covers

- Basics of data analytics.
- Basics of various techniques for analytics:
    - Descriptive
    - Diagnostic
    - Predictive
    - Visualization techniques
- Application of techniques such as forecasting, prediction, data etc. in different sectors.

Dates & Platform

The programme will commence on Monday**, August 28, 2023** and conclude on Friday**, September 01, 2023**. The programme will be conducted on **CISCO Webex platform. Participants needs to download CISCO webex application on either mobile, Laptops with good internet connectivity for live sessions.**

Schedule of Class

14:00 hrs. To 16:30 IST

Certificate

A Certificate will be awarded to each participant on completion of the programme by IIPA and ITEC

Participant Profile

This Introduction to Data Analytics for Beginners course has been designed for all levels, regardless of prior knowledge of analytics and statistics. The course is open to students, entry level managers, or anyone from Government/private sector, who wants to upgrade their skills in Data Analytics.

Number of Seats

Minimum 15
Maximum 40

Faculty:

➢ Dr. Roma Mitra (Coordinator), Associate Professor, E-mail: roma.mitra@gmail.com/ +91-9310338939(m)/011-23468350 (landline)
➢ Dr. Pawan Taneja (Coordinator), Assistant Professor, Email: dr.p.k.taneja@gmail.com/+91-9818210463/011-23468327 (landline)