

Statistical Skills for Managers

Introduction

Organizations are abound with lots of data, which needs to be organized, analyzed and properly interpreted for making sound decisions for Organisational use. Managers who have a basic understanding of data collection and applying statistical methods are likely to function effectively in their jobs more skillfully than those managers who make decisions based on the experience only. The distinction between them is a matter of effective use of quantitative and qualitative data about which the program is going to address.

Objectives

- To expose the participants to understand the concept of data warehousing and highlighting the types of data which their organizations can generate and use.
- To provide insights into various data mining techniques especially using statistical packages.
- To enhance managerial ability to interpret different types of data sets using statistical calculation results that may be used as important inputs to decision making processes in an organisation.
- To create an opportunity for participants to write reports based on statistical analysis.

Coverage

- Conceptualizing a data based problem, creating and identifying relevant data sets.
- Properties of measurements and selection of statistical techniques.
- Univariate, Bivariate and Multivariate statistical techniques using statistical packages with hands on experience on live organizational problems.

Methodology

The training will have Lecture sessions, Trainee-centered Exercises, case studies, hands-on training with statistical packages.

Expected Outcomes

- Participants developed a critical understanding about statistical skill required and enhanced their data analysis skills.
- They understood data; its types and better organization of it including data measurement & scaling.
- They could proficiently handle Univariate, Bivariate and Multivariate statistical techniques using statistical packages.

Expected Participants

The course is designed for Researchers, Management Students, Management faculty, Doctoral Students and Representatives from Development sector and such functional areas where the need is felt to go for scientific data collection, data organization, data analysis, data interpretation and data presentation statistically

Programme Director

Prof. G. K. Nayak

Duration

2 days: December 7-8, 2009

Venue

Bhubaneswar