Universidad LCI Veritas

Introduction to Statistical Reasoning & Data Analysis

Course code: STAT 1151
Total contact hours: 48 hours
Pre-requisite: Basic math and Algebra

Course Overview

In our news-saturated era, brimming with information and unfiltered data, understanding what is relevant and what is not, and more importantly, discerning what has a scientific basis and is evidence-based, becomes one of the most important skills that any professional must acquire during their higher education.

This course serves as an introduction to fundamental concepts and the logical foundation of statistical reasoning. It equips students with practical skills at an introductory level, enabling them to select, generate, and accurately interpret various descriptive and inferential methods. Furthermore, this course fosters an understanding of the wide-ranging applications of statistics and its significance.

No prior statistical knowledge is required. This course aims to teach students how to develop the proper mental stepwise process to collect, inspect, characterize and examine data from a scientific point of view, based predominantly on statistics. Students will learn to unpack and analyze information by presenting and discussing their own results in round tables and presentations.