

# GenAI-Including introduction to Knime for Statistical Analysis Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

The GenAI-Including Introduction to KNIME for Statistical Analysis training provided by Multisoft Systems is a specialized course designed for professionals aiming to enhance their data analytics capabilities. This course offers an in-depth exploration of KNIME enabling users to design data science workflows and perform complex statistical analyses without the need for extensive programming.

## Module 1: Foundations of General AI

- ✓ Introduction to AI concepts
- ✓ Key developments and applications of AI

## Module 2: Fundamentals of Statistical Analysis

- ✓ Basic statistical concepts
- ✓ Introduction to probability

## Module 3: Introduction to KNIME

- ✓ Setting up KNIME
- ✓ Basic data operations in KNIME

## Module 4: Data Manipulation and Analysis in KNIME

- ✓ Exploratory Data Analysis techniques
- ✓ Performing basic statistical tests

## Module 5: Machine Learning with KNIME

- ✓ Building simple predictive models
- ✓ Overview of clustering and dimensionality reduction
- ✓ Using KNIME for neural networks
- ✓ Automating workflows in KNIME

## Module 6: Capstone Project

- ✓ Practical project to apply course concepts
- ✓ Project presentations and feedback session