MATLAB training in New York and anywhere in Switzerland, USA, Great Britain and Germany.

Analytics

(more...)

This training provides a comprehensive introduction to MATLAB core mathematical analytics functions of Master/PhD level. The course is intended for engineer's users and those looking for a review. No prior programming experience or knowledge of MATLAB is assumed.

Charts

(more...)

This training provides a comprehensive introduction to MATLAB charting techniques with many tips & tricks. The course is intended for beginning users and those looking for a review. No prior programming experience or knowledge of MATLAB is assumed.

Data Mining

(more...)

Data that has relevance for managerial decisions is accumulating at an incredible rate due to a host of technological advances. Electronic data capture has become inexpensive and ubiquitous as a by-product of innovations such as the internet, e-commerce, electronic banking, point-of-sale devices, bar-code readers, and intelligent machines. Data mining is a rapidly growing field that is concerned with developing techniques to assist managers to make intelligent use of databases or spreadsheets softwares lists. A number of successful applications of data mining technics have been reported in areas such as credit rating, fraud detection, database marketing, customer relationship management, and stock market investments. Thiscourse (available also in French or German) provides an introduction to MATLAB® built-in fundamental data mining tools of the statistical toolbox!

Fundamentals

(more...)

This training provides a comprehensive introduction to the MATLAB technical computing environment. The course is intended for beginning users and those looking for a review. No prior programming experience or knowledge of MATLAB is assumed.

Industrial Vision/Computer Vision (Image Processing Toolbox)

(more...)

The objective of this course is to introduce the fundamental problems of computer vision (image formation, image transformation, feature detection, motion estimation, anomaly tracking, classification, etc.), the main concepts and techniques used to solve those. To enable trainees to implement solutions for reasonably complex problems and enable participants to make sense of the computer vision literature.

Scripting

(more...)

Learn the vocabulary and grammatical structure of MATLAB scripting language to develop and debug robust applications in order to automate the acquisition, processing and data analysis and reporting with or without user interface (GUI).

Toolbox Compiler

(more...)

This training provides simple examples using the features in MATLAB to deploy protected script and control MATLAB trough C# or deploy C# dll that can be controlled from Visual Studio.Net. These concepts form the foundation for writing full applications, developing advanced algorithms, and extending built-in MATLAB capabilities with C#.

Toolbox Database

(more...)

This training provides examples writing the scripts in MATLAB to access multiples databases technologies using ODBC or Java Connectors. These concepts form the foundation for writing full applications, developing advanced algorithms, and extending built-in MATLAB capabilities with C#.

Toolbox Finance & Econometrics

(more...)

This training provides a comprehensive introduction to the MATLAB technical computing environment for financial analysts and engineers focusing on using Financial Toolbox, Econometric Toolbox and Optimization Toolbox. The course is intended for beginner users and those looking for a review. No prior programming experience or knowledge of MATLAB is assumed but the mathematical aspect of models are supposed to be know. Themes of data analysis, visualization, modelling, and programming are explored throughout the course, with an emphasis on practical elementary application to finance, such as time-series analysis, fixed-income security valuation, portfolio management, options and derivatives, and Monte Carlo simulation.

Toolbox Optimization

(more...)

This training introduces applied optimization in the MATLAB environment, focusing on using Optimization Toolbox and Global Optimization Toolbox on small academic examples.

Toolbox Statistics

(more...)

This training provides hands-on experience with performing statistical data analysis with MATLAB and Statistics Toolbox. Examples and exercises demonstrate the use of appropriate MATLAB and Statistics Toolbox functionality throughout the analysis process, from importing and organizing data, to exploratory analysis, to confirmatory analysis and simulation.