Mindluster Platform

About the course Getting Started with MATLAB

MATLABÂ® is a programming platform designed specifically for engineers and scientists to analyze and design systems and products that transform our world. The heart of MATLAB is the MATLAB language, a matrix-based language allowing the most natural expression of computational mathematics.

Programming Category's Courses

Course Lesson(38)

Lesson 1 : **Getting Started with MATLAB**

Lesson 2 : **Working in the Development Environment**

Lesson 3 : **How to Write a MATLAB Program MATLAB Tutorial**

Lesson 4 : **How to Use Basic Plotting Functions**

Lesson 5 : **Working with Arrays in MATLAB**

Lesson 6 : **Introducing Structures and Cell Arrays**

Lesson 7 : **Introduction to data types**

Lesson 8 : **How to Extract Data Points from an Image**

Lesson 9 : **How to Speed Up MATLAB Code**

Lesson 10 : **How to Use Live Scripts in MATLAB**

Lesson 11 : **How to Make Predictions Using Monte Carlo Simulations**

Lesson 12 : **How to Analyze IoT Data in ThingSpeak**

Lesson 13 : **How to Call Python from MATLAB**

Lesson 14 : **How to Call MATLAB from Python**

Lesson 15 : **How to Segment Images Using Color Thresholding**

Lesson 16 : **How to Import Excel Data into MATLAB**

Lesson 17 : **How To Label Data For Deep Learning**

Lesson 18 :
How to Bring Data from MATLAB Into Simulink | Hear from MATLAB Simulink Developers

Lesson 19 : **How to Use Custom Automation Algorithms for Data Labeling**

Lesson 20 : **How to Optimize Model Parameters in Simulink**

Lesson 21 : **How to Optimize Control System Parameters in Simulink**

Lesson 22 : **How to Preprocess Time Series Data with MATLAB**

Lesson 23 : **How to Tune the Parameters of Algorithms Running on Hardware**

Lesson 24 : **How to Use for Loops to Visualize Data in MATLAB**

Lesson 25 : **How to Create an Object Class in MATLAB**

Lesson 26 : **How to Collect Sensor Data on Your iPhone or Android Device Using MATLAB Mobile**

Lesson 27 : **How to Use Lookup Tables with Simulink**

Lesson 28 : **How to Implement Object Oriented Programming Principles in MATLAB**

Lesson 29 : **How to Interact with Simulink Models from MATLAB Scripts**

Lesson 30 : **How to Improve Simulation Performance Using the Solver Profiler**

Lesson 31 : **How to Solve Math Problems Using Symbolic Math Toolbox**

Lesson 32 : **How to Use Source Control in MATLAB with GitHub**

Lesson 33 : **How to Use Buses in Simulink**

Lesson 34 : **Build a Solar Tracking System Using Simulink and ThingSpeak for Arduino**

Lesson 35 : **How to Visualize Multivariable Functions in MATLAB**

Lesson 36 : **Update Your Campus Wide License**

Lesson 37 : **Install an Individual License**

Lesson 38 : **Create a MathWorks Account Using a MATLAB portal**

Related courses

React Projects Workshops

Node js back end JavaScript

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