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Matlab Course

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Course Overview

In this Course you get to learn:

You get to learn about the MATLAB computing environment, project-based application in data analysis, data modeling, visualization, and data programming

All the concepts from basic to advanced based on the MATLAB Programming and its related development tools those come under the MATLAB Applications

Matlab Course Skills

We learn the following skills:

Matlab, Variable, Graph, Array and Linear Equation, Control Flow, M Files, Interpolation in Matlab, Probability and Statistical Data in Matlab, Symbolic Equation, Simulink, File System in Matlab, More Graph Plotting in Matlab, etc.

The MATLAB certification also contains a set of tangible skills which are covered at the basic, intermediate and advanced level are such as Control flows, Variables, symbolic equations, probabilistic and statistic data, etc.

Course Features



Course Duration- 7+ Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

About Matlab

The MATLAB Programming is a numerical, high level and multi-paradigm computing environment. It was licensed under proprietary license by MathWorks. It is commercial software. It was developed and is being maintained by MathWorks.

It supports multiple cross platforms operating systems such as Windows, Linux, and MacOS. It is mainly used for the purpose of simulating the devices or applications behavior using Mat lab tools.

Matlab Course

This is a Bundle Course that includes complete in-depth Matlab Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Matlab professional.

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MATLAB - Beginners

Section 1. Introduction

Introduction to Matlab

Section 2. Variable

- Matlab Variable
- Creating Vector Variable
- Print Hello Word in Matlab
- Difference Between Scalar, Vector and Matrices

Section 3. Graph

- How to Plot a Graph in Matlab
- Understand Plotting and Labeling in Matlab
- Label, Title and Legend the Graph

Section 4. Array and Linear Equation

- Array and Linear Equation
- Array Arithmetic Operation
- Solution Metrics
- Polynomial Equation

Section 5. Control Flow

- Control Flow
- Control Flow Continues
- Use While Statement

Section 6. M Files

- Control Flow
- Control Flow Continues
- Use While Statement

Section 1. Interpolation

- Analyzing Results
- Interpolation

Section 2. Probability and Statistical Data

- More on Interpolation
- Probability and Statistical Data
- Probability and Statistical Data Continues
- Plot the Outcome

Section 3. Symbolic Equation

Symbolic Equation

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MATLAB - Advanced

Section 1. Simulink

- Introduction to Simulink
- Sine Wave and Scope
- Use some Gain and Saturation
- Gain Block
- Saturation Block

Section 2. File System

- File System
- Creating New File
- Read from the File

Section 3. More Graph Plotting

More Graph Plotting

Section 4. Signal Analysis

- Introduction to Signal Analysis
- Signal Analysis Continues
- FFT Example
- IFFT Convert Wave Form

Section 5. Signal Processing


- Signal Processing
- How Signal Represented in Matlab
- Various Filter Technique
- Designing Filter Technique Method and other

Section 6. Communication

- Communication System

Section 7. Differential Equation

- Differential Equation
- Differential Equation Continue
- Structure



Frequently Asked Questions

Is this MATLAB Training a worthy one to consider or pursue a career?

Yes, Any Matlab Engineer or Data Analyst or Embedded Analytics Engineer or prospective Matlab Programmer who is interested to learn from basic to advanced level MATLAB Programming tools and applications can choose this MATLAB Programming course which is a worthy and considerable one.

Will this MATLAB course fetch any benefit or value to my career?

Yes. this MATLAB training is an advantageous and beneficial one for a learner's career in terms of many ways that includes a verifiable certification from the Edu CBA Academy which is an added advantage in terms job applications or resumes screening or shortlisting while looking for job opportunities.



Customer Reviews

“

This course is good and it shows practical examples as well. However in the first part it shows examples with not appropriate enlarge, so the commands and the outputs are not properly visible. I suggest to include more practical examples related to MatLab. The second part's examples are clearly visible.

Attila Nagy

”

The MATLAB Programming course is really a better option for the prospective Matlab Engineers or Embedded Engineers to master the complete concepts in order to be as a very good embedded engineer. All the core basic to advanced level concepts is well covered in this course such as Simulating Devices, Graph Plotting, Data processing, and visualization, which are very well designed in the form of hands-on video content in the course curriculum.

Arno Hankins

”

The MATLAB tools explained in this MATLAB Training are comprehensive and has explained complex graph plotting concepts in a simple way so as to make the learners' life easier and to reduce the learning time to more extent. The course has a very good concept related to Matlab tools and applications in applying to industrial applications

Varun Kumar



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Matlab Course

For Queries please contact:

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