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Plan your study to suit your convenience and schedule.

# Octave Training

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# EDUCBA

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[www.educba.com](http://www.educba.com)

# Course Overview

You will get to learn about Octave in an effective manner wherein we would actually code using examples.

Also, we would understand the basics of Octave neural network such as running Octave and its advanced features.

# Octave Tutorial Skills

We learn the following skills:

- Octave training course would include those of programming as the Octave language in itself is an open source, interpreted, a structural programming language which makes use of functions and scripts in order to execute the programs
- Coding skills are anyway a must thing if you are working in a software related industry especially in the field of analytics.

# Course Features



Course Duration- 6 + Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

# About Octave

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GNU Octave is a software which is used to feature a high-level programming language which is primarily intended for calculations.

It helps in solving linear as well as non-linear problems in a numerical way. It is also used for performing various numerical experiments with MATLAB compatible language.

It can also be used as a batch based language.

# Octave Course

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This is a Bundle Course that includes complete in-depth Octave Learning Courses 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 Octave Learning professional.



# Octave Neural Network Fundamentals

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## Section 1. Introduction of Octave

- Introduction

## Section 2. Installation

- Installation

## Section 3. Basic Commands

- Basic Operations
- Variables

## Section 4. Operators

- Operators
- Comparison Operators
- Boolean Operators
- If and switch statement
- Looping
- For Loop
- Usage of Continue Statement

## Section 5. Functions

- Introduction-Functions
- Functions-Example
- Calculations with Functions
- Returning From a Function
- Example with Trigonometric Function
- Matrix Calculation with Functions
- Arrays and Vectors

## Section 1. Introduction

- Introduction to Octave  
Advanced Options
- Introduction for Matrices

## Section 2. Function

- Various Matrices Manipulation
- Operations on Complex Variables
- Mathematical Functions
- Concept of Helper Functions
- Understanding Floor Function

## Section 3. Dimensional Plotting

- Plotting a Graph in Octave
- High Level Plotting
- Plot YY Function
- Functions of Bar Graph
- Parameter of Stem Graph
- Matrix Manipulation
- Contour Graph with Example
- Creating Error Graph

## Section 4. Pie Charts


- Creating Polar Function
- Concept of Feather Graph
- Two Dimensional Functional
- Dimensional Geometric Shapes
- Three Dimensional Plots
- Making a Surface Plot

## Section 5. Three Dimensional Function Plotting

- Functions of Ez Plot3
- Understanding Geometric Shapes
- Displaying Multiple Plots
- Multiple Plot Windows
- Concept of Plot Annotations
- Using Print Command

## Section 6. Octave Scripts

- Octave Scripts
- Input and Displaying Input
- Interacting with User
- Plotting Graph Using Script
- Implementation of Statements
- For a Looping Structure
- Creating Looping Structure
- Understanding Exception Handling
- Creating Octave Function
- Implementing with Octave Function



# Frequently Asked Questions

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What growth prospects would I be offered with, once I complete this Octave training?

You could be offered the position and the profile of a data scientist, an analyst and even as a developer once you complete the course, have a good hands-on and clear the interview rounds of the company. Apart from the IT domain, you can also look for yourself as a professor or some teacher in some private institute doing corporate training and other teaching related jobs.

Should I refer to some other study material as well or the curriculum provided in this Octave training is enough?

We would recommend you to complete all the modules of this course well in depth and practice in parallel. Once that task is completed then you can start the revision. You should not find the need to refer some external material as the course curriculum for Octave training course is designed in such a way which gives an end to end visibility as a developer, analyst and as any other professional working with Octave.

Does this Octave training prepare me for any certifications too?

Yes, the Octave for Data Analytics course is designed keeping in mind the certifications. There are a few such as those by the Google certification team where the course curriculum is taken by Andrew Ng who has provided a wide array of machine learning courses related to the octave. You can target those certifications and this course suits well with your needs.



# Customer Reviews

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This was an awesome course. I learnt a lot of concepts. This courses was very helpful. I learned about data models, BI , data science concepts. I was impressed by the presentation and speed of the trainer. Video quality of the course was also good. I would like to learn more concepts from the same trainer again.

Ankita Rafiz

”

This course provided a nice introduction and contained enough information to get someone ready to write some simple R scripts. It's especially useful to learn about syntax and some of the quirks of the R language. However, someone looking for more in depth knowledge of R or to use R for any complicated programming, additional courses will be required.

Matthew Thomas

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A nice quick overview of Octave. Other courses go into more detail, but this succinctly covers the broad range of what and why for R. Using the R-Studio, you'll cover manipulating and visualizing data sets, as well as some basic flow controls and user-defined functions. Not the greatest detail here, but if you've programmed other languages, there's enough here to identify the different syntax.

Darryl Rich





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## Octave Training

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For Queries please contact:

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