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Haskell Course

Email Contact: info@educba.com



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Course Overview

In this Course you get to learn:

Basic function syntax and dive into the world of functional programming. We also look at the basic algebra and theorems in mathematics from the view of Haskell Programming.

For everyone has a keen interest in a functional programming language, Haskell is the best option to explore more in the field of programming with the functional approach.

Haskell Course Skills

You get to learn about the below skills:

You will get an overview of the functional language and rough idea of how they work and later on you will be explained every topic in a stepwise manner to make it easy for you to learn Haskell. From the very beginning, all the topics will be covered with the help of examples to give you real exposure to working with Haskell.

Course Features



Course Duration- 7+ Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

About Haskell Course

Haskell can be defined as the functional programming language which is used for multiple purposes. It is the kind of programming language that has been concluded a general-purpose language as it can be for several domains.

Though it is a functional programming language, it is considered as a language that is very close to the low-level programming language due to its tendency of fast execution.

Haskell Course

This is a Bundle Course that includes complete in-depth Become Haskell 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 Haskell professional.

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Haskell Programming

Section 1. Basic Equations and Introduction

- Haskell Introduction
- Prime Number Test
- Identifiers in Haskell

Section 2. Haskell Equations

- Types in Haskell
- Map and Filter Functions
- Haskell Equations and Reasoning

Section 3. Mathematical Objects

- Logical Connectives
- Disjunction
- Implications and Equivalence
- Logical Validity and Equivalence
- Parentheses and Operator Precedence
- Symbolic Forms
- Quantifiers

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Haskell Programming

Section 4 . Logics and Proofs

- Proof Style
- Rules of Proof

Section 5 . Sets, Types and Lists

- Sets
- Russel Paradox
- Paradoxes and Types
- Special Sets
- List Comprehension and Database Query
- Representing Sets with Lists
- Data types for Sets

Section 6 . Sets of Pairs

- Notion of Relations
- Sets of Pairs
- Relations as Characteristic Functions


1 Haskell Programming

Section 7 . Functions

- Basic Notions
- Unary Functions

Section 8 . Successions

- Brackets and Jectives
- Injectives and Surjectives
- Successions
- Induction over Natural Numbers



Frequently Asked Questions

Why should one learn Haskell?

Haskell is a general-purpose programming language. In simple words, it's a single solution to several problems. It is very easy to learn and the program developed in Haskell requires less effort as compared to the other languages. The application based on Haskell works very fast as it is also considered as a low-level language. Being developed in C language, it holds all the plus points of this language and gives an edge to the development career of the professional or students.

How long will it take to learn Haskell language?

It usually takes time from three to six months to learn Haskell but depending upon your familiarity with the programming world the time may vary. In some cases, the students who are very interested in learning this and have basic knowledge of programming language are able to learn it within three months while some of them take five to six months to master this language. The professional who is already working as a developer and wants to learn can master this language within one or two months.



Customer Reviews

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This Haskell Training Certification was pretty good and fairly in-depth. It would have benefitted from some sort of quiz/test at the end of each module (or section). I would recommend it for anyone who wants to get a basic grounding in Haskell and anyone who wants to see what Haskell, as a language, can offer.

Ferenc Csonka

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An all-around course on Haskell that teaches you the full possibilities of what you can do with the language. I wouldn't recommend it to people starting to code but is an advantage for the ones who want to learn Haskell, for whatever application it has, and in this case, there are a lot of applications.

Personal fav.

Vicky Mizrahi



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Haskell Course

For Queries please contact:

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