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Learning Julia

Anshul Joshi

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Key Features

- Teach about how to set up the Julia environment and get started with data analysis
- Cover in detail about the various nitty gritties in Julia to show the reader about its potential when it comes to speed and data processing
- Write efficient and high quality code in Julia

Book Description

Julia allows the developers to analyse and crunch data. Reason for Julia's growth is because of it is faster than Python and R and it is perfect for building high performance and concurrent applications. From the basics of writing syntax to learning built-in object types, this will be a one stop guide for learning Julia. The book will go in detail about writing functions to reduce code redundancies and improve code reuse. Whether you are new to programming or a professional developer, the book will help your to speed on the Julia language.

The book will present the fundamentals of programming in Julia and in-depth informative examples building the base one step at a time. You will be taken through the concepts and examples like doing simple mathematical operations, creating loops, features of Julia, functions, collections etc.

By the end of the book you will be able to apply skills in Julia to create and explore applications of any domain.

What you will learn

- Understand concepts like regular expressions, range etc. to create basic programs in Julia
- Get familiar with type system and create your own types in Julia
- Create graphics and data visualization using Julia
- Develop real world applications and use connections for RDBMS and No SQL
- Build programs capable of networking and parallel computation
- Understand Julia’s type system, annotations and conversions
- Learn to interact with other programming languages - C and Python using Julia

About the Author

Anshul Joshi is a data science professional with experience primarily in data munging, recommendation systems, predictive modeling, and distributed computing. He has worked on Spark and Hadoop ecosystem. He is a deep learning and AI enthusiast. He holds degrees in Computer Science and Data Analytics.

Most of the time, he can be caught exploring GitHub or trying anything new on which he can get his hands on. He blogs on https://anshuljoshi.xyz.

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