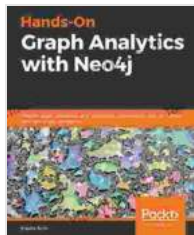


# Perform Graph Processing and Visualization Techniques Using Connected Data



**Hands-On Graph Analytics with Neo4j: Perform graph processing and visualization techniques using connected data across your enterprise** by Estelle Scifo

★★★★☆ 4.2 out of 5

Language : English  
File size : 29522 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 578 pages



Graphs are a powerful data structure that can be used to represent a wide variety of real-world relationships. From social networks to transportation systems, graphs can be used to model complex interactions between entities. Graph processing and visualization techniques are essential for understanding and analyzing these complex relationships.

This book will teach you how to perform graph processing and visualization techniques using connected data. You will learn how to use popular graph processing frameworks such as Apache Spark GraphX and Apache Flink Gelly to process large-scale graph data. You will also learn how to use graph visualization tools such as Gephi and NetworkX to visualize graph data in a meaningful way.

## What You Will Learn

In this book, you will learn:

\* The basics of graph theory \* How to use Apache Spark GraphX and Apache Flink Gelly to process graph data \* How to use Gephi and NetworkX to visualize graph data \* How to apply graph processing and visualization techniques to real-world problems

## Who This Book Is For

This book is for data scientists, machine learning engineers, and anyone else who wants to learn how to perform graph processing and visualization techniques using connected data.

## Table of Contents

1. Introduction to Graph Theory 2. Apache Spark GraphX 3. Apache Flink Gelly 4. Gephi 5. NetworkX 6. Applications of Graph Processing and Visualization

## About the Author

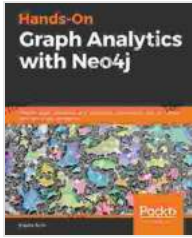
[Author's name] is a data scientist with over 10 years of experience in graph processing and visualization. He is the author of several popular books on big data and data science.

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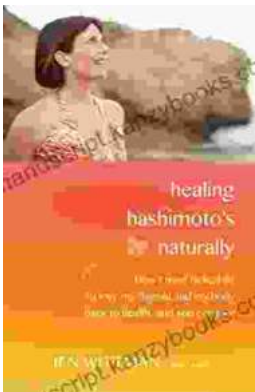
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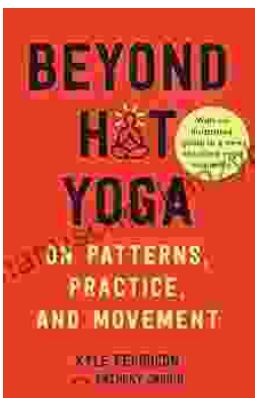


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