Predictive Analytics and Data Mining: Concepts and Practice with RapidMiner

Description

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Author(s) : Kotu & Deshpande Release Date: 05 Dec 2014 Published by Morgan Kaufmann
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Look inside the book here

Key Features

- Demystifies data mining concepts with easy to understand language
- Shows how to get up and running fast with 20 commonly used powerful techniques for predictive analysis
- Explains the process of using open source RapidMiner tools
- Discusses a simple 5 step process for implementing algorithms that can be used for performing predictive analytics
- Includes practical use cases and examples

Chapter headings

- Introduction
- Data Mining Process
- Data Exploration
- Classification
- Regression
- Association
- Clustering
- Model Evaluation
- Text Mining
- Time Series
- Anomaly Detection
- Advanced Data Mining
- Getting Started with RapidMiner

Rick Davies comment: This looks like a very useful book and I have already ordered a copy. Rapid Miner is a a free open source suite of data mining algorithms that can be assembled as modules, according to purpose. I have used Rapid Miner a lot for one specific purpose, to construct Decision Tree models of relationships between project context and intervention conditions and project outcomes. For more on data mining, and Decision Trees in particular, see my Data Mining posting on the Better Evaluation website

Category

1. Uncategorized

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