



# Predictive Analytics using Rattle and Qlik Sense

*By Ferran Garcia Pagans*

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**Predictive Analytics using Rattle and Qlik Sense** By Ferran Garcia Pagans

**Create comprehensive solutions for predictive analysis using Rattle and share them with Qlik Sense**

## About This Book

- Create visualizations, dashboards, and data applications with Qlik Sense and Rattle
- Load, explore, and manipulate data to Rattle to create predictions and discover hidden patterns in the data
- A step-by-step guide to learning predictive analytics in a quick and easy way

## Who This Book Is For

If you are a business analyst who wants to understand how to improve your data analysis and how to apply predictive analytics, then this book is ideal for you. This book assumes you have some basic knowledge of statistics and a spreadsheet editor such as Excel, but knowledge of QlikView is not required.

## What You Will Learn

- Set up your desktop environment by installing Qlik Sense Desktop, R, and Rattle
- Explore Rattle charts and the most commonly used multivariate statistical techniques to discover relationships among data
- Find solutions to business questions by applying data analysis techniques
- Use unsupervised and supervised learning methods to gain insights into your data
- Evaluate the performance of a predictive model
- Create basic charts and filters using Qlik Sense Desktop to build your first data application
- Improve your analysis by complementing Qlik Sense Desktop with predictive analytics
- Familiarize yourself with the basics of data visualization and data storytelling

## In Detail

Qlik Sense Desktop, the personal and free version of Qlik Sense, is a powerful tool for business analysts to analyze data and create useful data applications. Rattle, developed in R, is a GUI used for data mining and complements Qlik Sense Desktop very well. By combining Rattle and Qlik Sense Desktop, a business user can learn how to apply predictive analytics to create real-world data applications. The objective is to use Qlik Sense to analyze data and complement it with predictive analytics using Rattle.

This book will introduce you to basic predictive analysis techniques using Rattle and basic data visualizations concepts using Qlik Sense Desktop. You will start by setting up Qlik Sense Desktop, R, and Rattle and learn the basic of these tools. Then this book will examine the data and make it ready to be analyzed. After that, you will get to know the key concepts of predictive analytics, by building simple models with Rattle and creating visualizations with Qlik Sense Desktop. Finally, the book will show you the basics of data visualization and will help you to create your first data application and dashboard.

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## **Predictive Analytics using Rattle and Qlik Sense By Ferran Garcia Pagans Bibliography**

- Sales Rank: #1937570 in Books
- Published on: 2015-06-29
- Released on: 2015-06-30
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .55" w x 7.50" l, .93 pounds
- Binding: Paperback
- 174 pages

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### **Editorial Review**

About the Author

#### **Ferran Garcia Pagans**

Ferran Garcia Pagans studied software engineering at the University of Girona and Ramon Llull University. After that, he did his masters in business administration at ESADE Business School. He has 16 years of experience in the software industry, where he helped customers from different industries to create software solutions. He started his career working at the Ramon Llull University as a teacher and researcher. Then, he moved to the Volkswagen group as a software developer. After that, he worked with Oracle as a Java, SOA, and BPM specialist. Currently, he is a solution architect at Qlik, where he helps customers to achieve competitive advantages with data applications.

### **Users Review**

#### **From reader reviews:**

##### **Theodore Pritchard:**

Spent a free a chance to be fun activity to try and do! A lot of people spent their sparetime with their family, or their very own friends. Usually they carrying out activity like watching television, about to beach, or picnic within the park. They actually doing same every week. Do you feel it? Would you like to something different to fill your free time/ holiday? May be reading a book is usually option to fill your free of charge time/ holiday. The first thing that you'll ask may be what kinds of reserve that you should read. If you want to consider look for book, may be the guide untitled Predictive Analytics using Rattle and Qlik Sense can be very good book to read. May be it is usually best activity to you.

##### **Todd Pfeifer:**

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