



# Mastering D3.js - Data Visualization for JavaScript Developers

*By Pablo Navarro Castillo*

Download now

Read Online ➔

**Mastering D3.js - Data Visualization for JavaScript Developers** By Pablo Navarro Castillo

## Key Features

- Learn how to create custom charts as reusable components that can be integrated with your existing projects
- Design data-driven applications with several charts interacting between them
- Create an analytics dashboard to display real-time data using Node.js and D3

## Book Description

D3.js is one of the most popular and powerful tools for creating data visualizations. As the pressure to produce accurate and clear insights from data increases, D3.js remains a reliable and high-quality data visualization solution. Mastering D3.js provides you with clear and detailed guidance to help you dive deeper into D3, and learn how to create data visualizations that are capable of responding to the modern challenges of data. Taking a comprehensive approach to D3.js, and tackling everything you need to take your data visualization skills to another level of sophistication, Mastering D3.js is an essential book for anyone interested in the intersection of data science and design.

Use this advanced D3.js book to get to grips with cutting-edge data visualization. Learn how to create a reusable chart and a layout algorithm, before moving further into D3, as you learn how to make a color picker and develop an effective user interface. You will also find further practical information on how to create a quality user dashboard for high-quality big data analytics and tips to help you learn how to integrate mapping libraries.

The book concludes with a clear demonstration of how to create a real-time data visualization application with Firebase to give you a complete picture of what D3.js makes possible in data visualization today.

## What you will Learn

- Discover the full potential of D3.js as an awesome data visualization technology

- Learn D3.js application development
- Use practical tips and insight from an expert to learn how to design and make an effective interface
- Learn how to create custom charts as reusable components to be integrated with existing projects
- Create a powerful and high-quality analytics dashboard
- Find out how to create custom maps and integrate D3 with third-party mapping libraries
- Follow steps to create data-driven applications by integrating D3 with Backbone
- Learn how to collaborate with Firebase for real-time data analytics

### About the Author

**Pablo Navarro Castillo** is a mathematical engineer and developer. He earned his Master's degree in Applied Mathematics from École des Mines de Saint-Etienne in France. After working for a few years in operations research and data analysis, he began to work as a data visualization consultant and developer. In 2014, he founded Masega, which is a data visualization agency based in Santiago, Chile, where he currently works.

### Table of Contents

1. Data Visualization
2. Reusable Charts
3. Creating Visualizations Without SVG
4. Creating a Color Picker with D3
5. Creating User Interface Elements
6. Interaction Between Charts
7. Creating a Charting Package
8. Data-Driven Applications
9. Creating a Dashboard
10. Creating Maps
11. Creating Advanced Maps
12. Creating a Real-time Application

 [Download Mastering D3.js - Data Visualization for JavaScript ...pdf](#)

 [Read Online Mastering D3.js - Data Visualization for JavaScript ...pdf](#)

# Mastering D3.js - Data Visualization for JavaScript Developers

*By Pablo Navarro Castillo*

**Mastering D3.js - Data Visualization for JavaScript Developers** By Pablo Navarro Castillo

## Key Features

- Learn how to create custom charts as reusable components that can be integrated with your existing projects
- Design data-driven applications with several charts interacting between them
- Create an analytics dashboard to display real-time data using Node.js and D3

## Book Description

D3.js is one of the most popular and powerful tools for creating data visualizations. As the pressure to produce accurate and clear insights from data increases, D3.js remains a reliable and high-quality data visualization solution. Mastering D3.js provides you with clear and detailed guidance to help you dive deeper into D3, and learn how to create data visualizations that are capable of responding to the modern challenges of data. Taking a comprehensive approach to D3.js, and tackling everything you need to take your data visualization skills to another level of sophistication, Mastering D3.js is an essential book for anyone interested in the intersection of data science and design.

Use this advanced D3.js book to get to grips with cutting-edge data visualization. Learn how to create a reusable chart and a layout algorithm, before moving further into D3, as you learn how to make a color picker and develop an effective user interface. You will also find further practical information on how to create a quality user dashboard for high-quality big data analytics and tips to help you learn how to integrate mapping libraries.

The book concludes with a clear demonstration of how to create a real-time data visualization application with Firebase to give you a complete picture of what D3.js makes possible in data visualization today.

## What you will Learn

- Discover the full potential of D3.js as an awesome data visualization technology
- Learn D3.js application development
- Use practical tips and insight from an expert to learn how to design and make an effective interface
- Learn how to create custom charts as reusable components to be integrated with existing projects
- Create a powerful and high-quality analytics dashboard
- Find out how to create custom maps and integrate D3 with third-party mapping libraries
- Follow steps to create data-driven applications by integrating D3 with Backbone
- Learn how to collaborate with Firebase for real-time data analytics

## About the Author

**Pablo Navarro Castillo** is a mathematical engineer and developer. He earned his Master's degree in Applied Mathematics from École des Mines de Saint-Etienne in France. After working for a few years in operations

research and data analysis, he began to work as a data visualization consultant and developer. In 2014, he founded Masega, which is a data visualization agency based in Santiago, Chile, where he currently works.

## Table of Contents

1. Data Visualization
2. Reusable Charts
3. Creating Visualizations Without SVG
4. Creating a Color Picker with D3
5. Creating User Interface Elements
6. Interaction Between Charts
7. Creating a Charting Package
8. Data-Driven Applications
9. Creating a Dashboard
10. Creating Maps
11. Creating Advanced Maps
12. Creating a Real-time Application

## Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo Bibliography

- Rank: #863550 in eBooks
- Published on: 2014-08-25
- Released on: 2014-08-25
- Format: Kindle eBook

 [Download Mastering D3.js - Data Visualization for JavaScript ...pdf](#)

 [Read Online Mastering D3.js - Data Visualization for JavaScr ...pdf](#)

## **Editorial Review**

About the Author

### **Pablo Navarro Castillo**

Pablo Navarro Castillo is a mathematical engineer and developer. He earned his Master's degree in Applied Mathematics from Ecole des Mines de Saint-Etienne in France. After working for a few years in operations research and data analysis, he began to work as a data visualization consultant and developer. He has collaborated with Packt Publishing as a technical reviewer for Data Visualization with D3.js and Data Visualization with D3.js Cookbook. In 2014, he founded Masega, which is a data visualization agency based in Santiago, Chile, where he currently works.

## **Users Review**

### **From reader reviews:**

#### **Luba Jacobs:**

Throughout other case, little men and women like to read book Mastering D3.js - Data Visualization for JavaScript Developers. You can choose the best book if you want reading a book. Provided that we know about how is important any book Mastering D3.js - Data Visualization for JavaScript Developers. You can add expertise and of course you can around the world by a book. Absolutely right, since from book you can learn everything! From your country until foreign or abroad you will find yourself known. About simple thing until wonderful thing you can know that. In this era, we can open a book or even searching by internet product. It is called e-book. You need to use it when you feel bored to go to the library. Let's go through.

#### **Mildred Miller:**

What do you regarding book? It is not important with you? Or just adding material when you require something to explain what your own problem? How about your spare time? Or are you busy man? If you don't have spare time to perform others business, it is make you feel bored faster. And you have free time? What did you do? Every individual has many questions above. They must answer that question mainly because just their can do that will. It said that about guide. Book is familiar on every person. Yes, it is correct. Because start from on kindergarten until university need this particular Mastering D3.js - Data Visualization for JavaScript Developers to read.

#### **Roderick Grubb:**

Information is provisions for folks to get better life, information presently can get by anyone on everywhere. The information can be a information or any news even a concern. What people must be consider if those information which is inside the former life are difficult to be find than now is taking seriously which one would work to believe or which one the resource are convinced. If you find the unstable resource then you

get it as your main information we will see huge disadvantage for you. All those possibilities will not happen within you if you take Mastering D3.js - Data Visualization for JavaScript Developers as your daily resource information.

**Lois Huseby:**

Playing with family in the park, coming to see the ocean world or hanging out with good friends is thing that usually you might have done when you have spare time, and then why you don't try thing that really opposite from that. 1 activity that make you not feeling tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love Mastering D3.js - Data Visualization for JavaScript Developers, you are able to enjoy both. It is good combination right, you still want to miss it? What kind of hangout type is it? Oh seriously its mind hangout men. What? Still don't have it, oh come on its named reading friends.

**Download and Read Online Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo #AKS0FBVLY23**

# **Read Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo for online ebook**

Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo books to read online.

## **Online Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo ebook PDF download**

### **Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo Doc**

Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo Mobipocket

Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo EPub

AKS0FBVLY23: Mastering D3.js - Data Visualization for JavaScript Developers By Pablo Navarro Castillo