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Mastering D3.js

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Pablo Navarro Castillo

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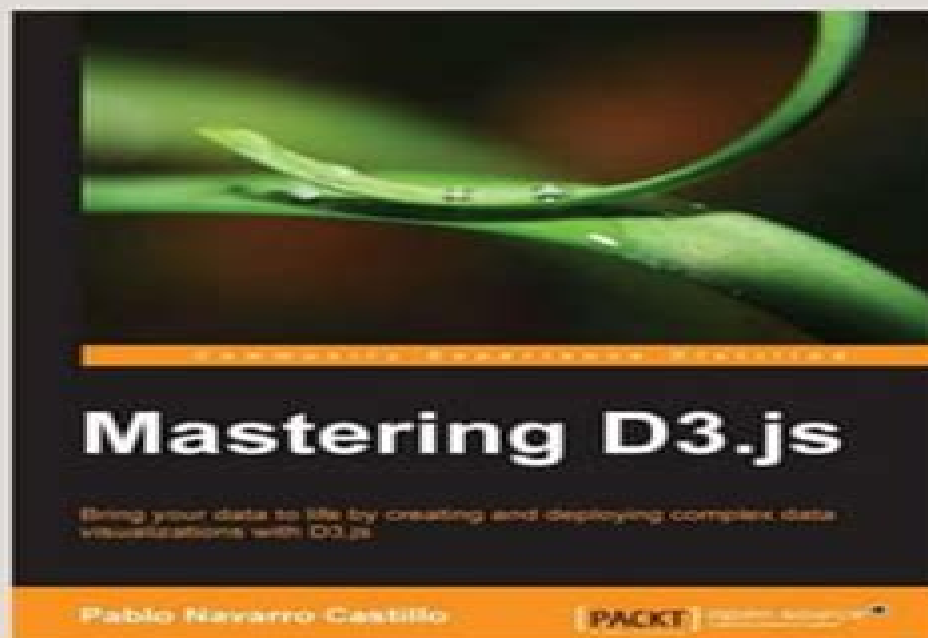
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how to create enterprise level dashboards to display real time data This Learning Path combines some of the best that Packt has to offer in one complete curated package It includes content from the following Packt products Learning D3 js Data Visualization Second Edition by Andrew H Rininsland D3 js By Example by Michael Heydt Mastering D3 js by Pablo Navarro Castillo Style and approach This course provides a comprehensive explanation of how to leverage the power of D3 js to create powerful and creative visualizations through step by step instructions in the form of modules Each module help you skill up a level in creating meaningful visualizations   <u>Mastering ArcGIS Server Development with JavaScript</u> Ken Doman,2015-09-18 Transform maps and raw data into full fledged web mapping applications using the power of the ArcGIS JavaScript API and JavaScript libraries About This Book Create and share modern map applications for desktops tablets and mobile browsers Present and edit geographic and related data through maps charts graphs and more Learn the tools tips and tricks made available through the API and related libraries with examples of real world applications Who This Book Is For This book is intended for intermediate developers who want to design web mapping applications You should have some experience with geographic information systems especially with ArcGIS products such as ArcGIS Server It also helps to have some experience with HTML CSS and JavaScript What You Will Learn Create single page mapping applications lining up data from different sources Search for and display geographic and tabular information based on locations and attributes Customize maps and widgets to deliver the best user experience Present location data intuitively using charts and graphs Integrate mapping applications with your favorite JavaScript frameworks Test the working of your web map application and take advantage of cloud services such as ArcGIS Online Create modern looking web maps through styling tips and tricks In Detail ESRI and its ArcGIS line of software have been an industry leader in digital map production and publication for over 30 years ArcGIS Server lets you design configure and publish maps that can be viewed and edited through the Internet After designing basic maps you may want to find out new and innovative ways to represent information using these maps In this book you ll work through practical examples experiencing the pitfalls and successes of creating desktop and mobile map applications for a web browser using the ArcGIS Server platform The book begins by introducing you to ArcGIS Server and ESRI s JavaScript API You ll work with your first web map and then move on to learn about ESRI s building blocks A Dojo AMS style widget will help you create your own widgets for a map and then see how to collect geographic data Furthermore you will learn different techniques such as using Dojo Charts to create charts and graphs to represent your data Then you will see how to use ESRI JavaScript API with other JavaScript libraries and different styling methods to make your map stand out By the end of the book you will discover how to make your application compatible with different devices and platforms and test it using testing libraries Style and approach An in depth guide that explores web application development using ArcGIS Server and the ArcGIS JavaScript API Topics are explained in the context of developing two applications for fictional clients Details of application development including possible pitfalls and best practices are included in this book   **Data**

Visualization with D3 and AngularJS Christoph Körner,2015-04-27 If you are a web developer with experience in AngularJS and want to implement interactive visualizations using D3 js this book is for you Knowledge of SVG or D3 js will give you an edge to get the most out of this book   *Practical Business Intelligence* Ahmed Sherif,2016-12-21 Learn to get the most out of your business data to optimize your business About This Book This book will enable and empower you to break free of the shackles of spreadsheets Learn to make informed decisions using the data at hand with this highly practical comprehensive guide This book includes real world use cases that teach you how analytics can be put to work to optimize your business Using a fictional transactional dataset in raw form you ll work your way up to ultimately creating a fully functional warehouse and a fleshed out BI platform Who This Book Is For This book is for anyone who has wrangled with data to try to perform automated data analysis through visualizations for themselves or their customers This highly customized guide is for developers who know a bit about analytics but don t know how to make use of it in the field of business intelligence What You Will Learn Create a BI environment that enables self service reporting Understand SQL and the aggregation of data Develop a data model suitable for analytical reporting Connect a data warehouse to the analytic reporting tools Understand the specific benefits behind visualizations with D3 js R Tableau QlikView and Python Get to know the best practices to develop various reports and applications when using BI tools Explore the field of data analysis with all the data we will use for reporting In Detail Business Intelligence BI is at the crux of revolutionizing enterprise Everyone wants to minimize losses and maximize profits Thanks to Big Data and improved methodologies to analyze data Data Analysts and Data Scientists are increasingly using data to make informed decisions Just knowing how to analyze data is not enough you need to start thinking how to use data as a business asset and then perform the right analysis to build an insightful BI solution Efficient BI strives to achieve the automation of data for ease of reporting and analysis Through this book you will develop the ability to think along the right lines and use more than one tool to perform analysis depending on the needs of your business We start off by preparing you for data analytics We then move on to teach you a range of techniques to fetch important information from various databases which can be used to optimize your business The book aims to provide a full end to end solution for an environment setup that can help you make informed business decisions and deliver efficient and automated BI solutions to any company It is a complete guide for implementing Business intelligence with the help of the most powerful tools like D3 js R Tableau Qlikview and Python that are available on the market Style and approach Packed with real world examples this pragmatic guide helps you polish your data and make informed decisions for your business We cover both business and data analysis perspectives blending theory and practical hands on work so that you perceive data as a business asset   *Learning Responsive Data Visualization* Christoph Korner,2016-03-23 Master the art of building responsive visualizations on the Web About This Book Learn the techniques for building data visualizations that work well for all screen sizes Implement responsive techniques with popular libraries to get to grips with building responsive visualizations

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Eventually, you will categorically discover a new experience and expertise by spending more cash. yet when? accomplish you undertake that you require to get those all needs in the manner of having significantly cash? Why dont you try to get something basic in the beginning? Thats something that will lead you to understand even more concerning the globe, experience, some places, in imitation of history, amusement, and a lot more?

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