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# Javascript And Jquery For Data Analysis And Visualization

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The Missing Manual

Up and Running

Beginning JavaScript Charts

Data Visualization with JavaScript

JavaScript and jQuery for Data Analysis and Visualization

jQuery Mobile

jQuery Mobile Lab Test

With jqPlot, d3, and Highcharts

Learning jQuery - Fourth Edition

Professional XMPP Programming with JavaScript and jQuery

Robust Web Architecture with Node, HTML5, and Modern JS Libraries

Angu Java jQue All One Sa\_p1

Murach's JavaScript and JQuery (4th Edition)

JavaScript Cookbook

Jquery in Action

Recipes and Examples

jQuery, jQuery UI, and jQuery Mobile

Events, ASYNC & Ajax

jQuery and JavaScript Phrasebook

JavaScript: The Good Parts

Just JQuery

jQuery Fundamentals

JavaScript and Open Data

Jquery Succinctly

Recipes from the Community for Building Web Applications with Scala

Sams Teach Yourself JQuery and JavaScript in 24 Hours

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SAS Stored Processes  
AngularJS, JavaScript, and jQuery All in One, Sams Teach Yourself  
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JavaScript & JQuery: The Missing Manual  
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*JavaScript And JQuery For Data  
Analysis And Visualization*

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## **PATEL PATRICK**

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### **The Missing Manual** Apress

Go beyond design concepts—build dynamic data visualizations using JavaScript JavaScript and jQuery for Data Analysis and Visualization goes beyond design concepts to show readers how to build dynamic, best-of-breed visualizations using JavaScript—the most popular language for web programming. The authors show data analysts, developers, and web designers how they can put the power and flexibility of modern JavaScript libraries to work to analyze data and then present it using best-of-breed visualizations. They also demonstrate the use of each technique with real-world use cases, showing how to

apply the appropriate JavaScript and jQuery libraries to achieve the desired visualization. All of the key techniques and tools are explained in this full-color, step-by-step guide. The companion website includes all sample codes used to generate the visualizations in the book, datasets, and links to the libraries and other resources covered. Go beyond basic design concepts and get a firm grasp of visualization approaches and techniques using JavaScript and jQuery Discover detailed, step-by-step directions for building specific types of data visualizations in this full-color guide Learn more about the core JavaScript and jQuery libraries that enable analysis and visualization Find compelling stories in complex data, and create amazing visualizations cost-effectively Let JavaScript and jQuery for Data Analysis and Visualization be the resource that guides you through their myriad strategies and solutions for combining analysis and visualization with stunning

results.

### **Up and Running** O'Reilly Germany

Most programming languages contain good and bad parts, but JavaScript has more than its share of the bad, having been developed and released in a hurry before it could be refined. This authoritative book scrapes away these bad features to reveal a subset of JavaScript that's more reliable, readable, and maintainable than the language as a whole—a subset you can use to create truly extensible and efficient code. Considered the JavaScript expert by many people in the development community, author Douglas Crockford identifies the abundance of good ideas that make JavaScript an outstanding object-oriented programming language—ideas such as functions, loose typing, dynamic objects, and an expressive object literal notation. Unfortunately, these good ideas are mixed in with bad and downright awful ideas, like a programming model based on global variables. When Java applets failed, JavaScript became the language of the Web by default, making its popularity almost completely independent of its qualities as a programming language. In *JavaScript: The Good Parts*, Crockford finally digs through the steaming pile of good intentions and blunders to give you a detailed look at all the genuinely elegant parts of JavaScript, including: Syntax Objects Functions Inheritance Arrays Regular expressions Methods Style Beautiful features The real beauty? As you move ahead with the subset of JavaScript that this book presents, you'll also sidestep the need to unlearn all the bad parts. Of course, if you want to find out more about the bad parts and how to use them badly, simply consult any other JavaScript book. With *JavaScript: The Good Parts*, you'll discover a

beautiful, elegant, lightweight and highly expressive language that lets you create effective code, whether you're managing object libraries or just trying to get Ajax to run fast. If you develop sites or applications for the Web, this book is an absolute must.

### **Beginning JavaScript Charts** Createspace Independent Publishing Platform

Provides information on how to make more interactive, engaging, and usable Web pages with JavaScript and jQuery, covering core programming concepts in both and such techniques as animation, form validation, and interactive galleries.

### Data Visualization with JavaScript John Wiley & Sons

Provides instruction on how to use jQuery to create applications for use on mobile computing devices like smartphones and tablet computers.

### *JavaScript and jQuery for Data Analysis and Visualization* Apress

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. A quick, instruction-based guide full of examples that details on the various aspects of Flot and how users can apply it to data groups for interactive data representation techniques. If you are a data visualization developer, mapping and presentation software developer, or anyone with an interest in jQuery visualization, this book is ideal for you. If you have a working knowledge of jQuery and JavaScript, you can use this book to add sophisticated visualizations to your web application so that your users can easily understand data that is crucial to them.

### jQuery Mobile "O'Reilly Media, Inc."

AJAX is a JavaScript-based method to make changes to webpages and mobile apps without reloading. jQuery, in turn, makes

working with AJAX easier than JavaScript alone. Get a quick introduction on how to use AJAX and jQuery in web projects in this course with Joe Chellman. Learn about AJAX and its simpler sibling, AHAH, and find out how to pull static HTML into an existing page with AHAH. Then learn how to fetch JSON-formatted data from a third-party service using AJAX, which adds a bit more power without a lot more work. Last, Joe offers you a challenge: Look up a user-entered zip code, and fill out the user's city and state automatically. This course is a short companion piece to jQuery for Web Designers. See that course for information about building your core jQuery skill set.

jQuery Mobile Lab Test "O'Reilly Media, Inc."

100+ Practical jQuery Recipes for Solving Your Real-World Web and Mobile Development Challenges! jQuery makes it easier than ever for developers to build exceptionally robust, cross-platform websites and mobile apps. jQuery, jQuery UI, and jQuery Mobile: Recipes and Examples is a practical "cookbook," packed with realistic, easy-to-use solutions for making the most of jQuery Core, jQuery UI, plugins, and jQuery Mobile. This guide brings together more than one hundred self-contained, downloadable examples, each with an in-depth explanation of how the code works and how to adapt it for your own needs. Pioneering web/mobile developers Adriaan de Jonge and Phil Dutson present examples you can apply immediately in virtually any web or mobile app, and with any server-side platform, including PHP, .NET, Java, Ruby, Node.js, or Python. This extremely useful guide will help you Test browser support and provide for graceful degradation Fine-tune DOM element selection and manipulate your site's DOM structure Master the newest techniques for event

handling and binding Communicate with web servers: AJAX, page errors, redirects, XML, and more Use advanced UI widgets, from accordions and autocomplete to sliders and tabs Build mobile-optimized sites with the jQuery Mobile library Write and smoothly incorporate new plugins Integrate powerful third-party plugins, such as the Twitter Bootstrap framework The authors' proven "code first, explain later" approach supports developers at all levels who want to start experimenting immediately. Their exceptionally readable examples never take shortcuts or compromise quality, and their detailed walk-throughs are ideal for anyone who wants to thoroughly understand their code. If you have a working knowledge of HTML, CSS, and basic JavaScript, you'll feel right at home immediately; if not, de Jonge and Dutson's careful explanations and full HTML page layout examples will get you up to speed quickly. Covers jQuery 1.6.4 and 1.7, with Tips for 1.8

*With jqPlot, d3, and Highcharts* John Wiley & Sons

Learn AngularJS, JavaScript and jQuery Web Application Development In just a short time, you can learn the basics of the JavaScript language, jQuery library, and AngularJS framework – and find out how to use them to build well-designed, reusable components for web applications. Sams Teach Yourself AngularJS, JavaScript, and jQuery All in One assumes absolutely no previous knowledge of JavaScript or jQuery. The authors begin by helping students gain the relevant JavaScript skills they need, introducing JavaScript in a way specifically designed for modern AngularJS web development. Each short, easy lesson builds on all that's come before, teaching new concepts and techniques from the ground up, through practical examples and hands-on problem

solving. As you complete the lessons in this book, you'll gain a practical understanding of how to provide rich user interactions in your web pages, adding dynamic code that allows web pages to instantly react to mouse clicks and finger swipes, and interact with back-end services to store and retrieve data from the web server. Learn how to: Create powerful, highly interactive single-page web applications Leverage AngularJS's innovative MVC approach to web development Use JavaScript in modern frameworks Implement JavaScript, jQuery, and AngularJS together in web pages Dynamically modify page elements in the browser Use browser events to interact with the user directly Implement client-side services that interact with web servers Integrate rich user interface components, including zoomable images and expandable lists Enhance user experience by creating AngularJS templates with built-in directives Bind user interface elements and events to the data model to add flexibility and support more robust interactivity Define custom AngularJS directives to extend HTML's capabilities Build dynamic browser views to provide richer user interaction Create custom services you can integrate into many AngularJS applications Develop a well-structured code base that's easy to reuse and maintain Contents at a Glance Part I: An Introduction to AngularJS, jQuery, and JavaScript Development 1 Introduction to Dynamic Web Programming 2 Debugging JavaScript in Web Pages 3 Understanding Dynamic Web Page Anatomy 4 Adding CSS/CSS3 Styles to Allow Dynamic Design and Layout 5 Jumping into jQuery and JavaScript Syntax 6 Understanding and Using JavaScript Objects Part II: Implementing jQuery and JavaScript in Web Pages 7 Accessing DOM Elements Using JavaScript and jQuery Objects 8 Navigating and

Manipulating jQuery Objects and DOM Elements with jQuery 9 Applying JavaScript and jQuery Events for Richly Interactive Web Pages 10 Dynamically Accessing and Manipulating Web Pages with JavaScript and jQuery 11 Working with Window, Browser, and Other Non-Web Page Elements Part III: Building Richly Interactive Web Pages with jQuery 12 Enhancing User Interaction Through jQuery Animation and Other Special Effects 13 Interacting with Web Forms in jQuery and JavaScript 14 Creating Advanced Web Page Elements in jQuery 15 Accessing Server-Side Data via JavaScript and jQuery AJAX Requests Part IV: Utilizing jQuery UI 16 Introducing jQuery UI 17 Using jQuery UI Effects 18 Advanced Interactions With jQuery UI Interaction Widgets 19 Using jQuery UI Widgets to Add Rich Interactions to Web Pages Part V: Building Web Applications with AngularJS 20 Getting Started with AngularJS 21 Understanding AngularJS Application Dynamics 22 Implementing the Scope as a Data Model 23 Using AngularJS Templates to Create Views 24 Implementing Directives in AngularJS Views 25 Creating Your Own Custom Directives to Extend HTML 26 Using Events to Interact with Data in the Model 27 Implementing AngularJS Services in Web Applications 28 Creating Your Own Custom AngularJS Services 29 Creating Rich Web Application Components the AngularJS Way

**Learning jQuery - Fourth Edition** "O'Reilly Media, Inc." JavaScript lets you supercharge your web pages with animation, interactivity, and visual effects, but learning the language isn't easy. This fully updated and expanded guide takes you step-by-step through JavaScript basics, then shows you how to save time and effort with jQuery--the library of prewritten JavaScript code--and the newest innovations from the jQuery UI plug-in.

*Professional XMPP Programming with JavaScript and jQuery*  
Simon and Schuster

jQuery was written to express, in short-order, the concepts essential to intermediate and advanced jQuery development. Its purpose is to instill in you, the reader, practices that jQuery developers take as common knowledge. Each chapter contains concepts essential to becoming a seasoned jQuery developer. This book is intended for two types of readers. The first is someone who has read introductory material on jQuery and is looking for the next logical step. The second type of reader is a JavaScript developer, already versed in another library, now trying to quickly learn jQuery. I crafted this book to be used as my own personal reference point for jQuery concepts. This is exactly the type of book I wish every JavaScript library had available. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

Robust Web Architecture with Node, HTML5, and Modern JS Libraries Packt Publishing Ltd

HTML, JavaScript and jQuery 24-Hour Trainer shows programmers how to build real-world HTML and HTML5 apps---both web-based and mobile--in combination with JavaScript, jQuery, and CSS/CSS3. This book consists of a series of hands-on lessons that

teach progressively more advanced skills; each lesson is supported by a video-based lesson that demonstrates how to execute each lesson. You will learn: Fundamentals of both HTML and HTML5 Multimedia capabilities of HTML5 and lessons on CSS3 How to store data offline, use background processes and files, and other important APIs. How to build web-applications for desktops and laptops and adapting them to mobile phones and tablets This comprehensive guide consists of exercises and screencasts that walk you step-by-step through the process of building web-applications, and provide you with the opportunity to experiment and extend the examples to create working web-applications that perform useful function giving you the tools to independently develop interesting HTML5 based web and mobile applications and gain a solid understanding of fundamental technologies.

**Angu Java jQuery All One Sa\_p1** Packt Publishing Ltd  
JavaScript and jQuery for Data Analysis and Visualization John Wiley & Sons

Murach's JavaScript and JQuery (4th Edition) Apress

If you're developing websites, you have to know JavaScript. There's no way around it today. And this latest edition of Murach's popular book teaches you how to code modern JavaScript that conforms to the ECMAScript standards, the way the pros do. At the same time, it teaches you how to use jQuery, the classic JavaScript library, to handle the DOM scripting that gives JavaScript so much of its power. And it works no matter whether you're a web designer who's coming from a background in HTML and CSS or a server-side programmer who's coded in languages like PHP, C#, Java, and Python.

*JavaScript Cookbook* JavaScript and jQuery for Data Analysis and Visualization

You've got data to communicate. But what kind of visualization do you choose, how do you build it, and how do you ensure that it's up to the demands of the Web? In *Data Visualization with JavaScript*, you'll learn how to use JavaScript, HTML, and CSS to build the most practical visualizations for your data. Step-by-step examples walk you through creating, integrating, and debugging different types of visualizations and will have you building basic visualizations, like bar, line, and scatter graphs, in no time. Then you'll move on to more advanced topics, including how to: Create tree maps, heat maps, network graphs, word clouds, and timelines Map geographic data, and build sparklines and composite charts Add interactivity and retrieve data with AJAX Manage data in the browser and build data-driven web applications Harness the power of the Flotr2, Flot, Chronoline.js, D3.js, Underscore.js, and Backbone.js libraries If you already know your way around building a web page but aren't quite sure how to build a good visualization, *Data Visualization with JavaScript* will help you get your feet wet without throwing you into the deep end. Before you know it, you'll be well on your way to creating simple, powerful data visualizations.

**Jquery in Action** "O'Reilly Media, Inc."

Provides information on creating Web applications with JavaScript and the jQuery library of code.

**Recipes and Examples** Sams Publishing

This book will teach you how to take advantage of the JavaScript language to process data provided on the Internet. Much attention is given to the main JavaScript backbone: prototype

based objects, and functional capabilities, while common features (loops, etc.) are summarized in a few cheat-sheets. Only operational features are detailed through the coding of several applications -the second and largest part of the book-, on free-access datasets (e.g. World Bank). It includes: cartography (SVG or API's based), data-sheets access (via Ajax or Jsonp), video data and post-synchronization, and animation examples.

jQuery, jQuery UI, and jQuery Mobile "O'Reilly Media, Inc."

You've got data to communicate. But what kind of visualization do you choose, how do you build it, and how do you ensure that it's up to the demands of the Web? In *Data Visualization with JavaScript*, you'll learn how to use JavaScript, HTML, and CSS to build the most practical visualizations for your data. Step-by-step examples walk you through creating, integrating, and debugging different types of visualizations and will have you building basic visualizations, like bar, line, and scatter graphs, in no time. Then you'll move on to more advanced topics, including how to: Create tree maps, heat maps, network graphs, word clouds, and timelines Map geographic data, and build sparklines and composite charts Add interactivity and retrieve data with AJAX Manage data in the browser and build data-driven web applications Harness the power of the Flotr2, Flot, Chronoline.js, D3.js, Underscore.js, and Backbone.js libraries If you already know your way around building a web page but aren't quite sure how to build a good visualization, *Data Visualization with JavaScript* will help you get your feet wet without throwing you into the deep end. Before you know it, you'll be well on your way to creating simple, powerful data visualizations.

Events, ASYNC & Ajax "O'Reilly Media, Inc."

Create real-time, highly interactive apps quickly with the powerful XMPP protocol XMPP is a robust protocol used for a wide range of applications, including instant messaging, multi-user chat, voice and video conferencing, collaborative spaces, real-time gaming, data synchronization, and search. This book teaches you how to harness the power of XMPP in your own apps and presents you with all the tools you need to build the next generation of apps using XMPP or add new features to your current apps. Featuring the JavaScript language throughout and making use of the jQuery library, the book contains several XMPP apps of increasing complexity that serve as ideal learning tools. Coverage Includes: Getting to Know XMPP Designing XMPP Applications Saying Hello: The First Application Exploring the XMPP Protocol: A Debugging Console Microblogging in Real Time: An Identica Client Talking with Friends: One-on-One Chat Exploring Services: Service Discovery and Browsing Group Chatting: A Multi-User Chat Client Publishing and Subscribing: A Shared Sketch Pad Introduction Writing with Friends: A Collaborative Text Editor Playing Games: Head to Head Tic-Tac-Toe Getting Attached: Bootstrapping BOSH Deploying XMPP Applications Writing Strophe Plug-ins Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

*jQuery and JavaScript Phrasebook* "O'Reilly Media, Inc."

If you're comfortable with jQuery but a bit shaky with JavaScript, this concise guide will help you expand your knowledge of the language—especially the code that jQuery covers up for you. Many jQuery devotees write as little code as possible, but with some JavaScript under your belt, you can prevent errors, reduce

overhead, and make your application code more efficient. This book explores event handling, prototypes, and working with the DOM and AJAX through examples and lots of code. You'll learn common conventions and patterns in JavaScript and—if you've never coded with JavaScript before—a tutorial will take you through the basics. Enhance your jQuery code by using object constructors and prototypes Reduce overhead and gain more control by handling events with JavaScript Work with the DOM much faster with JavaScript than you can with jQuery Send a few AJAX requests without having to load the entire jQuery library Understand the importance of JavaScript code standards, comments, code reuse, and anti-patterns Enlist JavaScript resources, such as a good IDE, a syntax checker, and version control

JavaScript: The Good Parts John Wiley & Sons

Customize the SAS Stored Process web application to create amazing tools for end users. This book shows you how to use stored processes—SAS programs stored on a server and executed as required by requesting applications. Never before have there been so many ways to turn data into information and build applications with SAS. This book teaches you how to use the web technologies that you frequently see used on impressive websites. By using SAS Stored Processes, you will be able to build applications that exploit CSS, JavaScript, and HTML libraries and enable you to build powerful and impressive web applications using SAS as the backend. While this approach is not common with SAS users, some have had amazing results. People who have SAS skills usually do not have web development skills, and those with web development skills usually do not have SAS skills. Some



people have both skills but are unaware of how to connect them with the SAS Stored Process web application. This book shows you how to leverage your skills for success. What You Will Learn Know the benefits of stored processes Write your own tools in SAS Make a stored process generate its own HTML menu Pass data between stored processes Use stored processes to generate

pure JavaScript Utilize data generated by SAS Convert a SAS program into a stored process Who This Book Is For SAS programmers looking to improve their existing programming skills to develop web applications, and programming managers who want to make better use of the SAS software they already license

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