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Code for most web sites mostly runs on the server. When a user clicks on a link, the site reacts slowly because the browser sends information to the server, and the server sends it back again before displaying the results. With the near-universal availability of capable browsers and powerful hardware, the single-page web application (SPA) pushes most of the code to the browser, giving users immediate results, whether they're surfing at their desk or using a phone app. Single-page applications show how to build modern browser-based apps that take advantage of stronger client platforms and more predictable bandwidth. It covers the SPA design approach and explores new techniques like structured JavaScript and responsive design. Readers will learn to capitalize on trends like server-side JavaScript and NoSQL data stores, as well as new frameworks that make JavaScript more manageable and testable as a first-class language. Audience: This book is for web developers, architects, and product managers who know about JavaScript, HTML, CSS, and web development basics. About the technology: A single-page application (SPA) is an application delivered to the browser that does not reload the page during use.

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the 2013 plan serves as a roadmap of the faa s ongoing transition to nextgen and provides an overview of the benefits aircraft operators and passengers are receiving from recent nextgen improvements nextgen is the shift to smarter satellite based and digital technologies and new procedures to make air travel more convenient predictable and environmentally friendly highlights of the plan include the latest on metroplex initiatives performance based navigation growth automatic dependent

surveillance broadcast deployments surface collaboration and plans for future benefits the plan devotes an entire chapter to general aviation and recognizes the growing role of this important stakeholder

step by step instructions are included and the needs of a beginner are totally satisfied by the book the book consists of plenty of examples with accompanying screenshots and code for an easy learning curve you are a web developer with knowledge of server side scripting and have experience with installing applications on the server you have a desire to want more than google maps by offering dynamically built maps on your site with your latest geospatial data stored in mysql postgis mssql or oracle if this is the case this book is meant for you

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depending upon the domain and algorithms through this book you will learn to apply the concepts of machine learning to deal with data related problems and solve them using the powerful yet simple language R style and approach. The book is an enticing journey that starts from the very basics to gradually pick up pace as the story unfolds. Each concept is first defined in the larger context of things succinctly followed by a detailed explanation of their application. Each topic is explained with the help of a project that solves a real world problem involving hands on work thus giving you a deep insight into the world of machine learning.

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