

1. Record Nr.	UNINA9910793017403321
Autore	Huntington Matthew
Titolo	D3. js quick start guide : create amazing, interactive visualizations in the browser with JavaScript. // Matthew Huntington
Pubbl/distr/stampa	Birmingham ; ; Mumbai : , : Packt, , [2018] ©2018
ISBN	1-78934-774-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (173 pages)
Disciplina	006.312
Soggetti	Information visualization - Computer programs Computer graphics - Computer programs JavaScript (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	<p>This book will help you build interactive graphs that are viewable in any web browser using JavaScript, D3.js, and SVG. You will learn how to make a scatter plot, a bar graph, a pie chart, a force directed graph, and a map. Key Features Takes you through the most common graphs you'll need Add interactivity to your visualizations Easy to follow builds Book Description D3.js is a JavaScript library that allows you to create graphs and data visualizations in the browser with HTML, SVG, and CSS. This book will take you from the basics of D3.js, so that you can create your own interactive visualizations, to creating the most common graphs that you will encounter as a developer, scientist, statistician, or data scientist. The book begins with an overview of SVG, the basis for creating two-dimensional graphics in the browser. Once the reader has a firm understanding of SVG, we will tackle the basics of how to use D3.js to connect data to our SVG elements. We will start with a scatter plot that maps run data to circles on a graph, and expand our scatter plot to make it interactive. You will see how you can easily allow the users of your graph to create, edit, and delete run data by simply dragging and clicking the graph. Next, we will explore creating a bar graph, using external data from a mock API. After that, we will explore</p>

animations and motion with a bar graph, and use various physics-based forces to create a force-directed graph. Finally, we will look at how to use GeoJSON data to create a map. What you will learn Build a scatter plot Build a bar graph Build a pie chart Build a force-directed graph Build a map Build interactivity into your graphs Who this book is for This book is for web developers, interactive news developers, data scientists, and anyone interested in representing data through interactive visualizations on the Web with D3. Some basic knowledge of JavaScript is expected, but no prior experience with data visualization or D3 is required to follow this book.

2. Record Nr.	UNINA9910159445103321
Titolo	Flipped instruction : breakthroughs in research and practice // Information Resources Management Association
Pubbl/distr/stampa	Hershey, PA : , : Business Science Reference, , [2017] 2017
ISBN	9781522518044 9781522518037
Descrizione fisica	1 online resource (ix, 446 pages) : illustrations
Collana	Critical explorations Gale eBooks
Disciplina	371.39
Soggetti	Student-centered learning Active learning Blended learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Student rates of outside preparation before class discussion of new course topics: a case study of a flipped classroom / Clare A. Francis -- Blending face-to-face and technology: implementing flipped K-12 classrooms / Philip G. Pulley -- Strategies to promote pedagogical knowledge interplay with technology / Prince Hycy Bull, Gerrelyn C. Patterson -- The acrobatics of flipping: reorienting the learning

experience of the first accounting course / David Starr-Glass -- Employing active learning and the flipped classroom model in developing countries: opportunities and challenges / Aijan M. Alshehri -- Active learning strategies for online and blended learning environments / Cynthia Cummings [and 3 others] -- Pedagogical rationale for flipped learning and digital technology in second language acquisition / Edo Forsythe -- Flipped instruction for language learning / Hilda Galvez -- Academic writing in the flipped EFL classroom: a case study on student engagement in Oman / Afef Ahmed Gasmi, Michael Thomas -- Integrating recent CALL Innovations into flipped instruction / Edo Forsythe -- Studies of flipping classes with Asian students / John Paul Loucky -- Motivating and empowering students' language learning in flipped integrated English classes / John Paul Loucky -- Gain time and differentiate to meet student needs in university learning environments: a flipped learning approach / Lauren Beth Rosen, Magara Maeda, Natalia Roberts -- Flipped university classrooms: using technology to enable sound pedagogy / Michael Sankey, Lynne Hunt -- Harnessing technology to help students reveal an authentic research process: pictorial and video research steps / Lisa Beckelhimer -- Designing a flipped classroom in a higher/teacher education context in the Caribbean / Jacqueline A. Morris, Ayles-Anne Wilson -- Evaluating the "flipped" face to face classroom and the online classroom in teacher education / Lori Severino, Mary Jean Tecce DeCarlo -- Flipping the constitutional law classroom: engaging first year law students in active learning / Julia L. Ernst -- Ideation to execution: flipping an undergraduate pre-calculus course to create significant learning experiences / Denise Natasha Brewley, Priya Shilpa Boindala, Jennifer L. Sinclair -- Hybrid, online, and flipped classrooms in health science: enhanced learning environments / Lynda Tierney Konecny -- Student-driven education with flipped learning and 20-time / Thomas F. Driscoll III, Katherine A. Petty -- The flipped approach: past research, practical applications, and experiences in K-12 science and math classrooms / Meghan Bagby -- The flipped model in an advanced placement United States history course / Ronald H. Kotlik -- Global kitchen project: promoting healthy eating habits and developing 21st century skills among children through a flipped classroom model / Melda N. Yildiz, Altagracia Petela, Brianne Mahoney.

Sommario/riassunto

"This book is a comprehensive reference source for the latest scholarly perspectives on promoting flipped learning strategies, tools, and theories in classroom environments. Featuring a range of extensive coverage across innovative topics, such as student engagement, educational technologies, and online learning environments"--Provided by publisher.
